RULES, ORDERS,

AND

PREMIUMS,

OF THE

Bath and West of England

SOCIETY,

For the Year 1792.

1609/3127

RULES, ORDERS,

AND

PREMIUMS,

OF THE

Bath and West of England

SOCIETY,

FOR THE ENCOURAGEMENT OF

AGRICULTURE, ‖ MANUFACTURES,
ARTS, ‖ And COMMERCE.

WITH

A LIST OF THE MEMBERS OF THE SOCIETY,

AND OF THE PREMIUMS GRANTED IN 1791.

BATH, PRINTED BY R. CRUTTWELL,
BY ORDER OF THE SOCIETY,
MDCCXCII.

15
71

OFFICERS OF THE SOCIETY.

PRESIDENT,

The Right Hon. the Earl of AILESBURY.

VICE-PRESIDENTS,

Sir John Riggs Miller, bart.
Sir John Smith, bart.
Sir John Guiſe, bart.
Sir John Durbin
Matthew Brickdale, eſq;
John Billingſley, eſq;
W. Falconer, M.D. F.R.S.
Samuel Cam, eſq;
A. Fothergill, M.D. F.R.S.
Henry Hippiſley Coxe, eſq;
Rev. M. Stafford Smith
Benjamin Colborne, eſq;
Abel Moyſey, eſq;
Charles Phillott, eſq;
James Stephens, eſq;
James Sutton, eſq;
Iſaac Webb Horlock, eſq;
W. Watſon, eſq; F.R.S.
Joſeph Harford, eſq;
Daniel Lyſons, M. D.
John Anſtie, eſq;
William Clavill, eſq;
John Smith, eſq;
William Dyke, eſq.

SECRETARY,

WILLIAM MATTHEWS.

COMMITTEE

COMMITTEE

On AGRICULTURE and PLANTING.

Baron Dimſdale
Sir John Riggs Miller, bart.
Benjamin Colborne, eſq;
W. Falconer, M.D. F.R.S.
A. Fothergill, M.D. F.R.S.
William Watſon, eſq;
James Stephens, eſq;
W. Aldridge Ballard, eſq;
John Billingſley, eſq;
Joſeph Harford, eſq;
Daniel Lyſons, M. D.
William Whitaker, eſq;
Rev. Thomas Broughton
Rev. Mr. Brookes
James Sutton, eſq;
Benj. Pugh, eſq;
Samuel Cam, eſq;
Thomas Davis, eſq;
Mr. Thomas Parſons
Mr. James Smith
Mr. Thomas Robins
Mr. William Peacey
Mr. Henry Vagg
Mr. Joſiah Hazard
Mr. William Clark
William Croſley, eſq;
Michael Hicks Beach, eſq;
William Dyke, eſq;
Mr. John Gale
Mr. Charles Fitchew
Mr. Joſeph Mighill
Mr. Lewin Tugwell

COMMITTEE

On MANUFACTURES and COMMERCE.

Sir John Riggs Miller, bart.
Richard Atwood, eſq;
Joſeph Harford, eſq;
William Provis, eſq;
Samuel Cam, eſq;
J. Gale Everitt, eſq;
John Billingſley, eſq;
William Whitaker, eſq;
Daniel Lyſons, M. D.
Robert Meares, eſq;
James Sutton, eſq;
William Bright, eſq;
Lowbridge Bright, eſq;
Simeon Moreau, eſq;
John Anſtie, eſq;
Rev. Dr. Cleobury
William Croſley, eſq;
Mr. Iſaac Collett
Mr. Jonathan Noad
Mr. James Evill
George Bethell, eſq;
Mr. William Clark
Walter Jacks, eſq;
Julius Samuel Rich, eſq;
John Hunter, eſq.

COMMITTEE

On MECHANICKS and the USEFUL ARTS.

Sir John Riggs Miller, bart.
W. Falconer, M.D. F.R.S.
William Watſon, eſq;
Mr. James Evill
A. Fothergill, M.D.F.R.S.
Mr. R. Cruttwell
*Rev. Mr. Hawes
Thomas Davis, eſq;
William Whitaker, eſq;
Daniel Lyſons, M.D.
Mr. Lionel Bretton
John Garnett, eſq;
John Hunter, eſq;
Rev. Dr. Cleobury
John Gale Everitt, eſq;
Robert Meares, eſq;
Rev. Mr. Randolph
Mr. William Clark
Rev. Mr. Barter
Mr. Joſiah Hazard
Mr. Laurence Fielde, *architect*
William Croſley, eſq;
William Clavill, eſq;
Edmund Reynolds, eſq.

COMMITTEE

Of CORRESPONDENCE and ENQUIRY.

Sir John Riggs Miller, bart.
*Dr. Joſ. Prieſtley, F. R. S.
*Dr. Hunter
William Falconer, M. D. F. R. S.
William Watſon, eſq;
*Sir Thomas Beevor, bart.
C. H. Parry, M. D.
A. Fothergill, M.D. F. R. S.
T. William Coke, eſq;
*Mr. B. Pryce
William Whitaker, eſq;
W. A. Ballard, eſq;
*Simeon Moreau, eſq;
*Mr. Richard Phillips
Rev. Mr. Barter
*Mr. James Beeſly
*Arthur Young, eſq;
James Stephens, eſq;
*Rev. H. J. Cloſe
Mr. R. Cruttwell
Charles Hamilton, eſq;
Alex. de Salis, eſq;
*Jas. Anderſon, eſq; LL.D. F.S.A.S.
Daniel Lyſons, M. D.
John Anſtie, eſq;
Rev. Dr. Cleobury
Rev. Mr. Randolph
Charles Frazer, M. D.
Mr. William Clark.

Thoſe marked * are Honorary Members.

COMMITTEE

COMMITTEE OF BOOKS.

W. Falconer, M.D. F.R.S.
A. Fothergill, M.D. F.R.S.
William Clavill, eſq;
Rev. Thomas Broughton
Mr. William Clark
Mr. Joſiah Hazard
William Whitaker, eſq;
Edward Harington, eſq;
Mr. R. Cruttwell
Rev. Dr. Cleobury
John Billingſley, eſq;
William Croſley, eſq;
Rev. Mr. Smith
W. A. Ballard, eſq.

N. B. Any three Members of either Committee to be a Quorum.

RULES and ORDERS

OF THE

SOCIETY.

I.

THAT the Meetings of this Society ſhall be holden as follows: On the ſecond Tueſday in the months of February, April, June, September, and November, at eleven o'clock in the forenoon, at the Society's Room in *Hetling-Houſe*, BATH;—that the *Annual Meeting* be holden on the ſecond Tueſday in December, at the ſame hour, at the ſaid Room;—and that no new laws or rules ſhall be made, or the following altered, except by the *Annual Meeting*, which ſhall not conſiſt of leſs than fifteen members.

II.

THAT the Preſident, or, in his abſence, one of the Vice-Preſidents, ſhall preſide at, and regulate, the debates of all general meetings; that the Vice-Preſidents ſhall take the chair by rotation, and that they ſhall be members of all Committees.

III. THAT

III.

THAT the Preſident, Vice-Preſidents, and all Committees, ſhall be choſen at the Annual Meeting in December; and the ſaid Committees ſhall be impowered to adjourn from time to time, as they may ſee occaſion:—And that on any vacancy or vacancies (by death, removal, or reſignation) being declared to the Secretary, he ſhall make report thereof to the next general meeting, which ſhall fill up ſuch vacancy or vacancies in Committees, by appointing any other member or members if neceſſary.

IV.

THAT each Committee, when met, ſhall chooſe a Chairman, and enter minutes of their proceedings in a book for that purpoſe. That all reports to the general meeting be made in writing, and ſigned by the Chairman; and that the Secretary ſhall enter thoſe reports in the Society's Journal of Tranſactions.

V.

THAT the general meeting in November ſhall be, for preparing the buſineſs neceſſary to come before the Annual Meeting: and that the buſineſs tranſacted at that Meeting ſhall be, The appointment of officers; reviſing and confirming, or amending, the conſtitutional rules of the Society; the determination

mination of Premiums claimed, and of New Premiums to be offered for the year enſuing. That no alteration in the conſtitutional rules ſhall take place, unleſs propoſals for ſuch alteration be made at, and approved by, the general meeting in November.

VI.

THAT an annual ſubſcription of any ſum not leſs than one guinea, ſhall entitle a perſon to be a member; and that the names of all perſons who give annual benefactions, not leſs than half-a-guinea, ſhall be publiſhed with the liſt of members. That a benefaction, not leſs than twelve guineas, ſhall entitle any perſon to be a member for life. *And that every perſon, who has given or may give in his name as a member, is and ſhall be deemed ſuch, and his ſubſcription be conſidered as juſtly due to the Society, until he give notice in writing to the Secretary of his intention to withdraw it.*

VII.

THAT a liſt of ſuch premiums as the Society may think fit to offer, ſhall be printed and publiſhed on or before the firſt of February in every year; which premiums ſhall be claſſed under the ſeveral heads propoſed to be encouraged by this inſtitution.

VIII. THAT

VIII.

THAT no premium ſhall be offered to the public, until it has been firſt propoſed to and approved by a Committee, and agreed to by the Annual Meeting.

IX.

THAT in order to excite emulation, and increaſe the number of competitors, no perſon ſhall receive a premium for a ſimilar crop, experiment, or improvement, more than once in ſeven years, or more than one premium in the ſame claſs in any one year.

X.

No member of the Society, who is a candidate for any premium or bounty, ſhall ſit in any Committee to which ſuch matter may be referred, or be preſent while the ſubject is under conſideration: nor ſhall ſuch candidate be preſent in the meetings of the Society, during the time the matter is before them, whether in debate, or for determination, unleſs when called in to anſwer ſuch queſtions as may be deemed proper to be put to him.

XI.

THAT all claims for premiums or bounties ſhall be made at leaſt two months before the annual meeting in December, except ſuch as are otherwiſe directed in the premium-book. And that ſuch claims

claims muſt be given in to the Secretary in writing, and be by him preſented to the next meeting of the Committee to which they relate.

XII.

In order that all rewards may be diſtributed with the utmoſt impartiality and juſtice, the Society ſhall, when they think it neceſſary, deſire the aſſiſtance of ſuch gentlemen, manufacturers, artiſts, or others, (though not members) as ſhall be deemed beſt able to judge of and diſcover the merits of any invention or improvement for which a premium is claimed.

XIII.

THAT premiums ſhall be both honorary and pecuniary; but that no premium or bounty ſhall be given by this Society to any perſon who ſhall have obtained a premium or bounty for the ſame invention, crop, or improvement, from this or any other Society.

XIV.

THAT as the principal deſign of this inſtitution is, by exciting a ſpirit of induſtry and ingenuity, to promote the publick good, the Premiums offered ſhall be more immediately directed to improvements in agriculture, planting, and ſuch manufactures and arts as are beſt adapted to theſe counties.

XV. THAT

XV.

THAT ſome premiums be annually offered for the encouragement of induſtry and good behaviour amongſt ſervants in huſbandry, and labourers, in each of the four counties.

XVI.

THAT the Society's caſh ſhall be accounted for at the annual meeting in each year.

XVII.

THAT all drafts upon the Treaſurer ſhall be drawn at the general meeting, and ſigned by the Chairman, and two other members preſent.

XVIII.

THAT forty pounds be continued in the Secretary's hands, to anſwer any demands upon the Society between the general meetings; and on the auditing his accounts, if he has more than forty pounds in hand, he ſhall pay the ſurplus to the Treaſurer; if he has leſs than forty pounds in hand, a draft on the Treaſurer ſhall be given him for the deficiency. The Treaſurers to be the two Banks in Milſom-ſtreet alternately, one year each.

XIX.

THAT in order to encourage the ſtudy, as well as the practice of agriculture, &c. &c. honorary premiums

premiums ſhall be offered for the beſt-written and moſt uſeful original eſſay on any of the ſubjects to which the views of this Society may be extended; the Society to give out the ſubjects in their annual liſt of premiums.

XX.

THAT the anthors of ſuch eſſays ſhall ſend them ſealed to the Secretary without a name, but with ſome mark correſponding with another mark on the outſide of an incloſed ſealed-up paper, in which their names are written: That ſuch eſſays as are rejected ſhall be left in the Secretary's hands, and if they are not called for, ſhall be deſtroyed at the ſucceeding annual meeting.

XXI.

A candidate for a premium, or a perſon applying for a bounty, being detected in any attempt to impoſe on the Society, ſhall not only forfeit ſuch premium or bounty, but be declared incapable of obtaining any for the future.

XXII.

THAT the Secretary ſhall procure all ſuch books and ſtationary ware as are needful for the ſociety's uſe, and keep fair accounts of all monies received and diſburſed by him; The ſaid accounts to be

ſettled

ſettled and balanced at each meeting in the Society's caſh-book, when a Committee of Accounts ſhall be appointed to audit them. He ſhall alſo perform the neceſſary buſineſs of his office with diligence and integrity, viz.—Attend all meetings and committees of the Society;—make all minutes and reſolutions, and enter them fairly in the Journal of Tranſactions;—read all letters and other papers ſent to the Society, and prepare ſuch anſwers thereto as the Society ſhall direct; and preſerve or record regularly in the book of correſpondence ſuch as are worthy of preſervation;—ſign all publications, notices, and receipts;—and attend to the printing of whatever the Society may direct to be printed, and correct the preſs. He ſhall alſo collect ſubſcriptions, and viſit manufactories, or apply for particular information reſpecting them when required by the Society ſo to do;—and as much as poſſible make himſelf acquainted with the various Arts, &c. &c. to which the views of the Society ſhall be directed.

XXIII.

THAT on any emergency, the Secretary, with the concurrence of five members ſignified in writing, and ſigned with their names, may call an extra general meeting by advertiſement in the publick papers of the reſpective counties: And in caſe of the

the death of the Secretary, three Vice-Preſidents ſhall be authorized to call an extra general meeting in like manner; which extra general meeting ſhall be competent to the appointment of a perſon to act as Secretary till the next annual meeting.

XXIV.

ALL letters relative to the buſineſs of the Society, being laid by the Secretary before the Committee of Correſpondence, that Committee ſhall be at liberty from time to time to refer ſuch letters as they think proper to the other reſpective Committees, without waiting to report them to a meeting of the Society; unleſs ſuch letters relate to the granting any new premium or bounty.

XXV.

ALL the books, papers, and correſpondence of the Society ſhall remain under the care of the Secretary, to be inſpected by the members at any reaſonable time.

XXVI.

ALL models of machines and implements, which ſhall have obtained premiums or bounties, ſhall be the property of the Society, and be kept in their rooms for the inſpection of farmers, manufacturers, &c.

XXVII.

As the proper and regular diſpatch of buſineſs at the general meetings will very much depend on the diligence and attention of the ſeveral Committees, it is reſpectfully requeſted, that the Gentlemen appointed thereon will give as general attendance as poſſible, both at the ſittings of Committees, when ſummoned, and at the meetings of the Society, and meet as nearly as they can to the hours appointed.

XXVIII.

In caſe any perſon ſhall be diſpoſed to leave a ſum of money to this Society by will, the following form is offered for that purpoſe:

Item, I give and bequeath to A. B. and C. D. the ſum of pounds, upon condition, and to the intent, that they pay the ſame to the Treaſurer or Secretary for the time being, of a Society inſtituted at Bath 1777, who call themſelves "The Bath and Weſt of England Society, "for the Encouragement of Agriculture, Arts, "Manufactures, and Commerce;" which ſaid ſum of——pounds, I will and deſire may be paid out of my perſonal eſtate, and applied towards carrying on the laudable deſigns of the ſaid Society.

XXIX. Form

FORM *of a* LETTER *to a Gentleman whoſe Subſcription is in Arrear.*

" SIR,

" I am directed to inform you, that your annual ſubſcription of has been in arrear ſince the day of : And as it is of conſequence for the Society to know what ſums of money they can beſtow in premiums, you are reſpectfully deſired to order the payment of it to the Secretary.

" By order of the Society,

" WM. MATTHEWS, Secretary."

N. B. New Editions of the Five Volumes of the Society's Select Papers, lately publiſhed, may be had of Mr. Cruttwell, printer, in Bath; Mr. Dilly, bookſeller, London; or by giving orders to the Secretary or any bookſeller in the kingdom.

ORDER *of* PROCEEDINGS *at the* MEETINGS.

I.

THE books of rules and orders, of minutes and correſpondence, ſhall be laid on the table, before the Preſident or Vice-Preſident; the Secretary ſitting at his right hand.

II.

None but members to be admitted to the meetings of the Society, without leave firſt obtained of the ſaid meetings.

III.

When any member ſpeaks, he ſhall riſe and addreſs himſelf to the Chair; and if two Members ſpeak together, the preſiding member ſhall call them to order, and decide which ſhall ſpeak firſt.

IV.

When any matter is in debate, if a member ſhall ſpeak to new buſineſs, the preſiding member ſhall call him to order.

V.

No debate ſhall be entered into, or queſtion put, on any motion, unleſs that motion be ſeconded.

VI.

No motion that has been rejected ſhall be made again in the ſame meeting.

VII. That

VII.

That in meetings of Committees the ſame order be obſerved as in the third article of the order of proceedings in meetings of the Society.

VIII.

At all meetings of the Society, buſineſs ſhall be tranſacted in the following order:

1*ſt*. The meeting to be conſtituted by entering the names of the members preſent.

2*dly*. Minutes of the preceding meeting to be read, and reports of Committees to be received.

3*dly*. Accounts ſince the preceding meeting to be audited, balanced, and ſigned by the Chairman.

4*thly*. Correſpondence to be read, as referred from the reſpective Committees.

5*thly*. New matter to be offered on the ſeveral ſubjects in ſucceſſion.

PREMIUMS

PREMIUMS

OFFERED BY THE

Bath and Weſt of England

SOCIETY,

FOR THE YEAR 1792.

To the PUBLICK.

Society-Rooms, Bath, Dec. 13, 1791.

THE Bath and Weſt of England Society, for the encouragement of Agriculture, Arts, Manufactures, and Commerce, propoſe, in purſuance of their plan, to beſtow the following Premiums:

CLASS I.

PREMIUMS *for Agriculture, Planting, the Increaſe of Live Stock, and Induſtry in Servants.*

1. *Turnips for Autumn Feeding.*—To the perſon who ſhall raiſe the greateſt weight of the red, white, or green Turnips per acre, (not leſs than twenty-five tons) on the greateſt number of acres, (not leſs than five) in proportion to the quantity and quality of his arable land, for Fall Feeding, the ſaid crop to be twice hoed; a Silver Cup, value Five Guineas.

Claims to be made, and the crops viewed, before the meeting in November 1792.

2. *Turnips for Spring Feeding.*—To the perſon who ſhall raiſe, in proportion to the quantity and quality of his arable land, the greateſt weight per acre, (not leſs than eighteen tons) on the greateſt number of acres, (not leſs than five) of the red, white, or green Round Turnips, twice hoed, for Spring Feeding; a Silver Cup, value Five Guineas.

For the next greateſt quantity, on farms of not more than 50l. a year; a Piece of Plate, value Three Guineas.

Claims

Claims to be made, the crops viewed, and certificates of the weight per acre, and number of acres, to be produced, on or before the 10th of March 1793.

N. B. Neither of the above premiums to be granted unleſs there be a competition of two or more perſons in different pariſhes, and that where the improved Turnip-Huſbandry has not been in general uſe.

3. *Hoeing Turnips.*—To the labouring man in any part of the Weſt of England, (where turnip-hoeing has not been common) who ſhall hand-hoe the greateſt quantity of Turnips in one ſeaſon, not leſs than five acres, in a workmanlike manner; Three Guineas.

N. B. All claimants muſt deliver in their claims, with their names and places of abode, the number of acres hoed, and the ſort of hoe uſed, certified by the maſters for whom they worked, and the miniſter and churchwardens of the pariſhes where the work was done, to the Secretary, on or before the firſt of November 1792.

A premium of One Guinea will alſo be given to the Woman who ſhall hoe the greateſt quantity, not leſs than three acres.

4. *French or Buck Wheat.*—To the perſon who, in the Spring of 1792, ſhall ſow the greateſt quantity, not leſs than ten acres, with French or Buck-Wheat, and the following autumn ſow or plant the ſame land with Wheat; the produce of Wheat to be not leſs than thirty buſhels to an acre; a Silver Cup, value Five Guineas.

All claimants to produce certificates of the quantity of land ſown, the nature of the ſoil, and the produce of both crops per acre, on or before the firſt of November 1792.

5. *Sainfoin, or French Graſs.*—To the perſon who, between the firſt of January 1792 and 1793, ſhall ſow and cultivate the greateſt quantity of land, not leſs than thirty acres, with Sainfoin; a Silver Cup, value Ten Guineas. This graſs is particularly recommended on chalky or rocky ſoils.

The nature of the ſoil, the quantity of ſeed ſown per acre, the mode of tillage, and the average produce of the crop, to be

be properly certified to the Society, at or before the September meeting 1792, and timely notice given for the ſaid crop to be viewed by the Society's Inſpector, if required.

N. B. This premium is reſtricted to pariſhes where Sainfoin has not been uſually raiſed.

6. *Carrots.*—To the Farmer who, in the year 1792, ſhall ſow the greateſt quantity of land, not leſs than five acres, with Carrots, and produce the largeſt, cleaneſt, and beſt crop, to be twice hoed; a Silver Cup, value Five Guineas.

Claims to be made, and certificates ſpecifying the nature of the land, and the quantity of buſhels on each acre, to be produced at the Society's meeting in November 1792.

To the perſon (not being a gardener) who ſhall raiſe the next largeſt quantity, not leſs than two acres; Plate, value Three Guineas.

7. *Beſt and cleaneſt Crops of Corn.*—To the Farmer who, in proportion to the quantity and quality of his land, ſhall in the year 1792, in a general point of view, exhibit the beſt Crops of Corn, Pulſe, Roots, Graſſes, &c. and whoſe Farm, in reſpect of fertility, cleanneſs, fences, &c. ſhall be found in the moſt complete order; Plate, value Ten Guineas.

Claims to be made on or before the firſt of April; the Crops of Graſſes, &c. to be viewed in May or June; and the Corn, Pulſe, Roots, &c. in Auguſt 1792.

8. *Improved Inſtruments for cutting Graſs or Corn.*—To the perſon who ſhall make the greateſt improvement in the inſtrument now uſed for cutting Graſs or Corn Crops; or who ſhall make the beſt inſtrument for thoſe purpoſes, on a new and ſimple conſtruction; a Silver Cup, value Five Guineas.

One of the ſaid inſtruments to be ſent to the Society on or before the firſt of July 1792.

9. *Beſt Courſe of Crops.*—To the perſon who, from actual experiments made by himſelf, ſhall aſcertain a Courſe of Crops, either on light or heavy land, which during ſeven years

years ſhall prove moſt profitable, and leave the land in the beſt ſtate; a Piece of Plate, value Ten Guineas.

A general account of the Crops to be atteſted and ſent with each claim to the Society, on or before the firſt of June 1798.

10. *Raiſing Potatoes.*—To the Farmer, not renting or holding more than forty pounds per annum, and who, not having heretofore cultivated Potatoes for ſale, ſhall raiſe the greateſt and beſt crop at the leaſt expence, on the greateſt quantity, not leſs than two acres of land; a Piece of Plate, value Five Guineas.

Claims, with a fair ſample of not leſs than a buſhel of the ſaid Potatoes, to be ſent to the Society on or before the firſt of November 1792, and affidavits of the quantity of land and produce per acre.

To four Cottagers in the Weſtern counties, not renting more than forty ſhillings per annum, nor having leſs than five children, who in the year 1792 ſhall raiſe on his own garden-plot the greateſt quantity, not leſs than thirty buſhels, of good Potatoes; One Guinea each.

Claims, with an account of the quantity raiſed, ſigned by the claimant, and atteſted by his maſter, and the overſeer of the pariſh, to be ſent on or before the firſt Tueſday in November 1792.

11. *Beſt Mode of applying Lime or Soaper's Aſhes.*—To the perſon who, from his own experiments actually made, or which he may make during the years 1792 and 1793, ſhall aſcertain and point out the beſt mode and time for applying Lime, Soaper's or other Aſhes, as a manure on Paſture Land, and give an explicit account of its operation and ſucceſs; a Silver Cup, value Five Guineas.

The number of acres, the quantity of Lime or Aſhes laid on each acre, the value of the land before and after ſuch manuring, and a fair eſtimate of the expence, to be ſent in, atteſted, at or before the Society's meeting in September 1794.

12. *Rape-Seed for Oil.*—A Silver Cup, value Five Guineas, will be given to the perſon, who (not having heretofore cultivated

tivated Rape) ſhall raiſe the greateſt quantity, not leſs than twenty-four buſhels of ſeed per acre, on the greateſt number of acres, not leſs than ten.

The crops to be viewed when the ſeed is nearly ripe; and a fair ſample of not leſs than a peck of the ſaid ſeed to be ſent with each claim, on or before the firſt of September 1793.——N.B. Genuine ſeed may be had by applying to the Secretary.

13. *Turnip-Rooted Cabbage.*—To the perſon who, in the year 1792, ſhall, in proportion to the quantity and quality of his arable land, raiſe on the greateſt quantity, not leſs than three acres, the beſt and heavieſt crop of Turnip-rooted Cabbage, for Spring Feed; a Silver Cup, value Five Guineas.

Timely notice to be given for the crop to be viewed; and claims to be made in February or March 1793.

14. *Rearing Calves without Milk.*—To the Farmer who, from January 1792 to January 1793, ſhall rear the greateſt number of Calves, not leſs than five, without Milk, and who ſhall diſcover to the Society the beſt and cheapeſt method of ſo rearing them; a Silver Cup, value Six Guineas.

The Calves which have been ſo reared to be viewed by the Society's Inſpectors at ten months old.

15. *Liming, Chalking, or Marling Land.*—That a Silver Cup, value Five Guineas, be given to the farmer who ſhall, in proportion to the extent of his land, lime, chalk, or marle, the greateſt quantity, not leſs than five acres, of down-land, ſheep-walk, or other paſture land, with intent to remain as paſture, giving an account of the quantity laid on per acre, the expence, and the improvement thereby.

N.B. As the improvement will not be fully known in leſs than four years, claims are to be made at the meeting in September 1795.

16. *The Yellow-Bloſſomed Vetch.*—To the perſon who ſhall make and report the moſt ſatisfactory experiments on the Lathyrus Pratenſis, commonly called the Yellow-bloſſomed Perennial Vetch, or the Buſh-Vetch; ſown upon not leſs than

than two acres of ground, tending to its introduction as an article of common huſbandry; Plate, value Five Guineas.

N. B. This is not intended to preclude the continued cultivation of the *Blue-Vetch*; for any new and valuable experiments in the growth and uſe of which, the ſame premium is hereby offered.

The crops to be viewed, and claims to be made, at or before the Society's meeting in September 1792.

17. *Raiſing White-Thorn for Quick-Hedges.*—To the perſon (not being a gardener or nurſery-man) who, in the years 1792 and 1793, ſhall raiſe from the haws the greateſt quantity, not leſs than a hundred thouſand, of White-Thorn Plants for Quick-hedges, and keep the ſame clean from weeds till they are fit for tranſplanting; Plate, value Five Guineas.

A certificate to be produced of the quantity of haws ſown, the time of ſowing, and number of the plants; and claim made, at or before the Society's meeting in October 1796. The plantation to be viewed by the Society's Inſpectors.

18. *Planting Bogs with Aſh.*—To the perſon who ſhall, at his own charge, raiſe or plant the largeſt quantity of boggy land with Aſh, either for timber or underwood; the land planted to be not leſs than one acre, and the number of plants per acre to be not leſs than three thouſand if planted, or ſix thouſand if ſown; Plate, value Five Guineas.

Claims to be made, and the plantation viewed by the Society's Inſpectors, on or before September 1794.

19. *Deſtroying Grubs in Land.*—To the perſon who ſhall diſcover, and communicate to the Society, a method of deſtroying thoſe large Grey Grubs, in paſture and arable land, from which proceeds the Cock-Chaffer-Beetle, that ſhall, on experiment, be found the eaſieſt, moſt effectual, and leaſt prejudicial to the graſs or other produce of ſuch lands; a Silver Cup, value Ten Guineas.

A certificate, proving that the means uſed have been ſucceſsful, to be produced, and claim to be made, at or before the Society's meeting in November 1792.

20. *Reſervoirs*

20. *Reſervoirs in Farm-Yards.*—To the Farmer, who, in the year 1792, ſhall make and ſecure from leakage, in the cheapeſt and moſt effectual manner, the beſt Reſervoir in his barton for the reception of water from his dung-heaps, ſtables, hog-ſties, and cow-houſe, and carry the ſaid water to his paſture lands as a manure; a Silver Cup, value Five Guineas.

Notice to be given that the Reſervoir may be viewed by the Society's Inſpectors in October; and claim to be made at the Society's meeting in November.

21. *Experiments in Huſbandry.*—An honorary Premium of Plate will be given to the perſon who, on or before the firſt of November 1792, ſhall ſend to the Society a clear and explicit account of any experiment which he has himſelf made in huſbandry, and which the Society ſhall think to be of an intereſting nature.

N. B. This Premium is extended to accounts of Planting, and breeding or rearing Cattle.

22. *Courſe of Experiments.*—To the perſon who, from actual experiments made by himſelf during a courſe of ſeven years, ſhall prepare and lay before the Society, the beſt comparative eſtimate of the ſucceſs attending the Broadcaſt and Drill Huſbandry, on the four grand diviſions of ſoil, to wit, ſand, loam, chalk, and clay, or either of them; fairly ſtating the expence of each through the uſual courſe of crops, together with the nett produce, and profit or loſs each year,—will be given ſuch a reward as the ſaid account may by able and proper judges be thought to merit, not exceeding Twenty Guineas value in Plate. The ſaid eſtimate to be given in at the Society's meeting in November 1798.

23. *Good Behaviour in Men-Servants.*—To four men-ſervants in huſbandry in the Weſtern counties, who having lived with good characters the greateſt number of years, not leſs than five, ſhall continue to live five years longer in the ſame ſervices, and produce at the end of that term ſatisfactory certificates of ſuch continued good behaviour; Three Guineas each.

24. *Good Behaviour in Women-Servants.*—To four women-ſervants in huſbandry in the Weſtern counties, who, having lived

lived with good characters the greateſt number of years, not leſs than five, ſhall continue to live five years longer in the ſame ſervices, and produce at the end of that term ſatisfactory certificates of ſuch continued good behaviour; Three Guineas each.

N. B. Certificates and notices, adapted to each of the foregoing deſcriptions of claimants, to be ſent in before the firſt of November each year, according to the reſpective forms inſerted next after the liſt of premiums.

25. *Induſtry.*—To four labourers in huſbandry, in the Weſtern counties, not renting more than four pounds per annum each, by whom the greateſt number, not leſs than ſeven, of their own reſpective legitimate children, have been brought up to at leaſt ſeven years of age in habits of honeſt induſtry; and who have not at any time received any relief or aſſiſtance from any pariſh or townſhip; Three Guineas each.

The above claims to be made on or before the firſt of November 1792, accompanied by a certificate according to the printed form.

26. *Improvements in Agriculture.*—An honorary Reward will be given to the perſon who in any of the five years next following, ſhall write the beſt Eſſay on the Improvements in Agriculture, that have been ſucceſsfully introduced into this kingdom within theſe fifty years paſt. The ſaid Eſſay to be produced at or before the Society's meeting in September 1796.

27. *Uſe of the Drill-Plough and Horſe-Hoe.*—Complaints having been frequently made by Gentlemen Farmers, that their ſervants and labourers are ſo prejudiced againſt the uſe of New Drill-Ploughs, or improved implements in huſbandry, that they will often either not work them properly, or ſpoil them, in order that they may return to the uſe of thoſe commonly employed;—

A Premium of Two Guineas will be given to the ſervant or labourer in huſbandry, who in the year 1792 ſhall ſow with a Drill-Plough the greateſt number of acres, not leſs than fifty, with any kind of Grain, or with Turnip, Rape, Lucerne, Sainfoin, or other Seeds.

A Premium

A Premium of One Guinea for the next greateſt number of acres ſo drilled, not leſs than thirty. Alſo,

A Premium of Two Guineas to the labourer who ſhall horſe-hoe the intervals or alleys between the rows of the greateſt number of acres ſo drilled, in the beſt manner.

Certificates of the number of acres drilled or horſe-hoed, and that the work is well doné, ſigned by the maſter, to be produced at or before the Society's meeting in Sept. 1792.

The ſaid Premiums are extended to the year 1793, for crops which require it, and in that caſe certificates to be ſent in prior to the September meeting in 1793.

28. *Cure of Goggly Sheep.*—To the perſon who, on or before the firſt of September 1792, ſhall communicate to the Society the moſt accurate deſcription, and beſt obſervations on the diſeaſe called the Goggles in Sheep, together with the moſt effectual remedy, aſcertained by ſucceſsful experiment on not leſs than twenty ſheep ſo diſeaſed, and produce a certificate or certificates of their cure from their owner or owners; Plate, value Ten Guineas.

29. *Scotch or other Cabbages.*—To the perſon or perſons who, in proportion to the quantity and quality of his or their land, in the autumn of 1792, ſhall raiſe the beſt crop or crops of Scotch or other Cabbages as food for cattle; two ſeveral Premiums of Plate, value Five Guineas and Three Guineas.

The quantity of land planted not to be leſs than three acres, on farms above 50l. per annum; or two acres on farms of ſmaller value. Claims to be made, and the crops viewed, on or before the 8th of February 1793.——The weight not to be leſs than twenty-five tons per acre.

30. *Curled Diſeaſe in Potatoes.*—To the perſon who ſhall diſcover the cauſe, and point out an effectual remedy for the Curled Diſeaſe in Potatoes, and communicate the ſame to the Society, with ſatisfactory proofs annexed, on or before the firſt of November 1792; Plate, value Five Guineas.

31. *Preſerving Turnips and Cabbages in Winter.*—To the perſon who, on or before the firſt of September 1792, ſhall diſcover and communicate to the Society the cheapeſt and moſt effectual method of preſerving Turnips and Cabbages

from froſt and rotting through the winter, as ſpring feed for cattle in the months of March and April; Plate, value Five Guineas.

N. B. Specimens of the Turnips and Cabbages ſo preſerved, to be viewed by perſons appointed, or produced at the Society's meeting in April 1792.

32. *Norfolk Plough.*—To the Farmer who, in proportion to the quantity of his arable land, ſhall plough the greateſt number of acres, not leſs than twenty, with the Norfolk Plough, or any other that goes with a pair of horſes only, and without a driver; Plate, value Five Guineas.

For the next greateſt quantity will be given a plough proved capable of performing the work well, and recommended by this Society. Claims and atteſted certificates to be delivered in at or before the November meeting 1792.

N. B. Since the above Premium was agreed on, ſome perſons have very inconſiderately objected, that were the practice of ploughing without a driver to become general, there would ſoon be a want of ploughmen; very abſurdly ſuppoſing, that the boys who drive the horſes are thereby inſtructed to guide the plough.

But as a proof that this apprehenſion is perfectly groundleſs, it is a well-known fact, that in the counties of Norfolk, Suffolk, and Eſſex, where agriculture is carried to a higher pitch than in any other part of the kingdom, and where there are the greateſt number of the beſt ploughmen, there is not a ſingle inſtance to be ſeen of boys driving the horſes, or of more than a pair of horſes being uſed in a plough, even on land too wet and heavy to bear turnips.

If the farmers in the Weſt wiſh to have a ſucceſſion of good ploughmen, let them follow the example of the Norfolk Farmers, who very frequently give hats or buckſkin breeches to be ploughed for by ten or twelve young ploughmen, and by that means raiſe ſuch a ſpirit of emulation among them, that they far excel thoſe of other counties in this art.

33. *Raiſing Crab-Stocks for Grafting.*—To the perſon who ſhall, in the years 1792 and 1793, raiſe the greateſt number (not

(not leſs then five thouſand) of Crab-Stocks from ſeed, and properly tranſplant the ſame, ſo that they ſhall be fit for grafting; Plate, value Five Guineas.

And the ſame Premium to the perſon who ſhall graft not leſs than two thouſand of the ſaid Stocks with the beſt Cyder or Table-fruit.

The plantations to be viewed at the proper ſeaſons, and claims to be made at or before the firſt of Auguſt 1796.

34. *Recovering Sheep-Downs worn out by Burn-Beaking.*—To the Farmer who ſhall, from actual experiment, on not leſs than twenty acres, at or before the meeting in June 1792, point out the beſt and leaſt expenſive method of recovering Sheep-Downs that are worn out by the pernicious practice of Burn-beaking or Denſhiring; Plate, value Five Guineas.

Certificates to be produced of the ſtate of the land previous to the beginning of the proceſs, and again on the Premium being claimed.

35. *Induſtry in Cottagers.*—To the Cottager, being a day-labourer in huſbandry, with a family of not leſs than four children, (the eldeſt of whom ſhall not be more than twelve years old) who ſhall bring proof of their earnings, either in ſpinning or knitting, or both, from March 1792 to March 1793, given in on oath, with the age of each child ſo employed; and a certificate of their good characters from the Miniſter or Churchwardens where they reſide; Three Guineas.

Claims to be ſent in before the tenth of March 1793. The ſaid earnings not to be leſs than one penny per day under nine years old, and two-pence per day above that age.

36. *Women Reaping.*—To the woman who, in the harveſt of 1792, ſhall reap the greateſt number of acres (not leſs than five) of wheat, and perform the ſame in a huſbandlike manner; Two Guineas.

To the woman who ſhall reap the next greateſt number of acres, not leſs than four, in like manner; One Guinea.

Certificates of the work done, ſigned by the maſter, to be ſent with claims on or before the firſt of October 1792.

37. *Double-Furrow Plough.*—Whereas the Double-Furrow Plough, uſed for ſome years paſt by John Billingſley, eſq; of Aſhwick-Grove, and lately brought into more common uſe, appears from long and conſtant experience to be the beſt for expediting and ſaving of labour and expence, and for performing the work well, of any plough yet conſtructed;—the coſt of the ſaid plough will be given as a Premium to the Farmer who ſhall introduce, and plough therewith the greateſt number of acres in the years 1792 and 1793.

Claims to be made, accompanied with affidavits, at or before the meeting in February 1794.

N. B. This plough turns two acres in a day with three horſes, or four oxen, without a driver.

A Premium of Plate, value Five Guineas, will alſo be given for the beſt Double-Furrow Plough on a new conſtruction.

38. *Conſtituent parts of rich and poor Soils.*—For aſcertaining the conſtituent parts of a very rich Soil, and of a very poor one, by ſuitable experiments, in order to determine what principles are wanting in the latter, or, in other words, what ought to be added to it, or how altered to meliorate it, and render it equal to the former; an Honorary Premium.

Claims to be made at or before the meeting in November 1792.

39. *Rot in Sheep.*—The liver diſeaſe, termed the Rot in Sheep, being now generally allowed to proceed from the ova of an aquatic inſect, vulgarly called the FLUKE; an Honorary Premium will be given for the beſt account of its genus and ſpecies, the plant which it inhabits, and the beſt method of extirpating this inſect, or preventing its deſtructive effects in the animal œconomy.

40. *Compenſation for Tithes.*—The Society being convinced, that the payment of Tithes in kind tends not only

to

to ſow diſſention between the Clergy and their Pariſhioners, but is certainly a very great hindrance to improvements in Agriculture; and it being much to be wiſhed that the matter may be taken up in a national view; an Honorary Premium of Plate will be given for the beſt Eſſay on the moſt practicable mode of giving an equitable Compenſation for Tithes in general throughout the kingdom.

The Eſſays to be ſent to the Secretary on or before the firſt day of October 1792.

41. *Eſſays.*—A Piece of Plate will be given as an Honorary Premium to the perſon who ſhall, before the firſt day of September 1792, write and preſent to the Society, the beſt, moſt uſeful, and approved Eſſay, on either of the following ſubjects, from experiments actually made:—

1*ſt.* On the management of Graſs Lands in general, diſtinguiſhing the proper treatment of each ſoil, &c.

2*dly.* On the beſt and moſt approved method of laying down worn-out arable.

42. *Extinction of Summer Fallows.*—A Premium of a Piece of Plate, value Five Guineas, will be given to the perſon who, in the courſe of ſeven years, ſhall determine how far the total extinction of Summer Fallows on light lands may be practiſed with ſucceſs.

The ſame experiment to be made on heavy lands.

Claims to be made at or before the Sept. meeting 1798.

43. *Manuring.*—For manuring the greateſt quantity of light Sandy Land with Clay, not leſs than ten acres, nor leſs than ſixty cart loads, of thirty buſhels each, of clay to be laid on per acre; a Silver Cup, value Five Guineas.

Claims, with an account of the ſucceſs, to be made on or before the firſt of September 1793.

44. *Planting Potatoes.*—To the perſon who, from experiments actually made, ſhall diſcover whether whole Potatoes, or Cuttings, are to be preferred in planting; and if whole, of what ſize; a Silver Cup value Three Guineas. The quantity or weight planted per acre, in both methods,

muſt be ſpecified, and claims made at or before the meeting in November 1792.

45. *Vegetable Manure.*—To the Farmer who, in the year 1792, ſhall plough in the greateſt quantity of Clover, Buck-Wheat, Vetches, &c. by way of Manure, on the greateſt number of acres, not leſs than ten, and report the ſucceſs thereof to the Society's meeting in November 1793; a Piece of Plate, value Three Guineas.

N. B. This is particularly recommended to the occupiers of heavy land.

46. *Parſnips as a Food for Cattle.*—To the Farmer who, in the year 1792, ſhall on the greateſt quantity, not leſs than two acres of land, raiſe the greateſt weight of Parſnips per acre, as a food for Neat Cattle, Sheep, or Swine; and thereby aſcertain their real and comparative value with carrots, turnips, or potatoes; and report fully and explicitly on the ſubject, at or before the meeting in June 1793; a Piece of Plate, value Five Guineas. Claims to be then made.

47. *Drilled Wheat and Barley.*—To the Farmer who ſhall, in the years 1792 and 1793, raiſe the greateſt crop of Drilled Wheat or Barley in a comparative experiment with Broad-caſt on the ſame land, and render an accurate account of the expences; each crop to be not leſs than two acres; a Silver Cup, value Five Guineas.

Claims to be made on or before the firſt of November 1793, with affidavits of the quantity per acre, &c.

48. *Subſtitute for Broad Clover.*—A Premium of Five Guineas in Plate will be given to the perſon who, in the years 1792 or 1793, ſhall introduce and make known to the Society the beſt ſubſtitute for Broad Clover, (Sainfoin excepted) or who ſhall by actual experiments diſcover in what manner lands on which broad clover has of late years generally failed, may be managed ſo as to admit of that plant being again cultivated thereon with ſucceſs.

Claims to be made at or before the firſt of Nov. 1793.

49. *Raiſing*

49. *Raiſing Walnuts, Cheſnuts, and Beech.*—A Premium of a Silver Cup, value Five Guineas, will be given to the perſon who ſhall, before January 1800, plant, and effectually fence in and ſecure, the greateſt number, not leſs than two acres, with Walnut, Cheſnut, or Beech Trees, on lands generally left waſte, or appropriated to Firs only.

The plantations to be viewed, and claims made in April, four years after planting, with an account of the number of plants per acre, and the whole expence attending the plantation to that time.

50. *Repairing without re-ploughing a failing Crop of Graſſes.*—To the Gentleman or Farmer who, in the year 1792 or 1793, ſhall produce to the Society the beſt account, founded on experiment, of repairing, without re-ploughing, a failing crop of Graſſes, ſown on land intended to be laid down for paſture; a Piece of Plate, value Five Guineas.

Claims to be made before the firſt day of November in either year.

51. *Propagation and Uſe of the Mangel-Wurzel.*—To the perſon who, in the years 1792 and 1793, ſhall moſt ſucceſsfully propagate, by experiments on different ſoils, and by different methods of manuring and management, on not leſs than two acres, the plant called *Mangel-Wurzel*, or Root of Scarcity; whoſe plants ſhall be of the largeſt ſize; and who ſhall ſend to this Society the moſt clear and ſatisfactory account in writing, of the properties of this vegetable; together with its effects on a compariſon with Turnips, Carrots, Parſnips, and Cabbages, in feeding different kinds of cattle, in the winter and ſpring; a Piece of Plate, value Ten Guineas.

Claims to be made before the firſt of November in the years 1793 or 1794.

52. *Apple-Trees and Cyder.*—To the perſon who ſhall write and ſend to the Society, (under the uſual regulations) before the meeting in June 1792, the beſt practical Eſſay, founded on experience, on raiſing Apple-Stocks; the moſt ſucceſsful method of Grafting, and the raiſing of Apple-Trees

Trees for the Orchard; together with the beſt Eſſay on gathering in Apples, making them into Cyder, and of managing that Cyder until it ſhall become fit for uſe; a Silver Cup, value Five Guineas.

53. *General Stock.*—To the perſon who ſhall ſatisfactorily deſcribe at large, in an Eſſay which ſhall be deemed by the Committee proper for publication in the Society's next volume, thoſe kinds of Oxen, Cows, and Sheep, moſt advantageous for general Stock, on large, middling, and ſmall farms, divided into the moſt uſeful proportions of arable and paſture; on light, heavy, and damp ſoils; and both having, and not having, an extenſive right of common in theſe Weſtern counties; Plate, value Five Guineas.

54. *Beſt mode of uſing Potatoes in fattening Hogs.*—To the perſon who ſhall conſtruct a cheap and durable Oven or Kiln for baking Potatoes for Hogs; and who, by repeated comparative experiments in 1792 and 1793, ſhall aſcertain and fully impart in writing to this Society, the comparative advantages of fattening Hogs by theſe four methods;

1. On boiled Potatoes alone.
2. On baked Potatoes alone.
3. On boiled Potatoes, given with grain or flour of grain.
4. On baked Potatoes, given with ſuch grain or flour.

The hogs to be as nearly alike in previous ſize and condition as may be; to be weighed when put to feeding in each caſe, as well as when killed. The quantity of each kind of feed to be particularized in each caſe; the calculation to be made at fair prices, and the plan of proceeding to be alike in both years;—not leſs than three hogs to each experiment;—Plate, value Five Guineas.

Claims to be made on or before the firſt of November 1793, and affidavits, if required, to be made of the accuracy of the accounts.

55. *Cart Horſes.*—To the perſon who ſhall breed and rear for covering, within either of theſe Weſtern counties, the beſt Cart Horſe; a Piece of Plate, value Five Guineas.

To

To be viewed by the Society's Inſpectors at 3 years old.

Claims to be made prior to the annual meeting in 1795.

56. *Ram Lambs.*—To the perſon who, in proportion to the general ſize of his ſtock, ſhall breed and rear from ſound ſtock, the largeſt quantity of the fineſt Ram Lambs for the purpoſe of improving the breed of Sheep in theſe Weſtern counties; Plate, value Ten Guineas. Three claimants required; and no Premium to be given if not more than two ſhould claim.

Notice to be given to the Secretary of an intention to claim the premium, on or before Midſummer-Day 1792; that the lambs may be viewed prior to the firſt of November in the ſame year.

57. *Bulls for Stock.*—To the perſon who, reſiding in one of the Weſtern counties, ſhall breed and rear the beſt Bull for the purpoſe of improving ſtock; Plate, value Five Guineas.

The bull to be viewed at two and three years old by the Society's Inſpectors; and notice of an intention of claiming the Premium to be given to the Secretary before Midſummer 1794.

58. *Rearing Pigs.*—To the Farmer who ſhall breed and rear, in the years 1792 and 1793, the greateſt quantity of the beſt ſort of Pigs, and keep the ſame till four months old, in either of the Weſtern counties; Plate, value Five Guineas.

Satisfactory proofs of the number ſo raiſed to be produced to the Society on or before the November meeting in 1793.

59. *Natural Graſſes.*—To the perſon who, from actual experiments by ſeparate ſowings, on meaſured quantities of land, and by diſtinct feeding or cutting, ſhall ſatisfactorily aſcertain, and communicate in writing to this Society, the comparative value of the different Natural Graſſes now in uſe; the compariſon to lie both againſt each other, in feeding the different kinds of cattle, and againſt Artificial Graſſes, and green foddering crops, for the ſame purpoſe. The beſt method of culture to be pointed out, together with the ſoil beſt adapted to each ſpecies; Plate, value Ten Guineas.

Timely

Timely notice to be given to the Secretary of an intention to claim for ſuch experiments, that the Society's Inſpectors may have opportunity of obſervation.

60. *Planting Timber Trees.*—To the perſon who ſhall plant the largeſt tract of ground with Foreſt-Trees, for timber, ſuch as oak, elm, larch, firs, or poplar, not leſs than ten acres, nor leſs than one thouſand plants per acre; and who ſhall fence the ſame from cattle in a huſbandlike manner; Plate, value Ten Guineas.

Notice to be given to the Secretary of an intention to claim this premium on or before Midſummer-Day next after the plantation ſhall have been finiſhed; and the ſame to be viewed by the Society's Inſpectors, previous to the determination of the claim at the November meeting the year following.

61. *Planting Crab-Stocks in Hedges.*—To the perſon, whether landlord or tenant, who ſhall, in the years 1792 or 1793, plant in the hedge-rows of his farm the greateſt quantity of Crab-Stocks; and who, when they are of proper age, ſhall graft them with ſcions from ſome of the beſt ſorts of Cyder Fruits, and protect them from the bite of cattle, and report the ſucceſs and progreſs of the plantation to the Society, on or before the firſt of June 1798; Plate, value Five Guineas.

No claim to be admitted for a leſs quantity than four hundred, which muſt be deemed by the Society's Inſpectors thriving trees; nor muſt it be the deſign to tranſplant them afterwards into any orchard or other place, it being the wiſh of the Society to promote the increaſe of apple-trees, without injuring or incumbering paſture lands,

62. *Apple-Trees for Cyder.*—To the perſon who ſhall, in the years 1792 or 1793, plant upon his arable land the greateſt quantity of Apple-Trees for Cyder Fruit, in direct lines, ſixty yards equidiſtant, ſo as not to prevent the land from being eaſily ploughed, and ſhall fence and protect ſuch trees from the bite of cattle; Plate, value Five Guineas.

No claim to be admitted for a leſs number than four hundred trees; any claim for ſuch, or a larger number, to be made in or before the month of June 1795.

63. *Cyder*

63. *Cyder of various Sorts.*—To the perſon who, from the growth of 1792 or 1793, ſhall make Cyder from the greateſt number of different ſorts of apples, keeping the ſorts perfectly unmixed: Thoſe ſorts to be not leſs than ſix, nor leſs than one hogſhead of Cyder to be made of each ſort. The Cyder to be made and managed as nearly alike as may be, put into perfectly ſound and ſweet caſks, and kept in the ſame cellar till Auguſt following; then to be taſted by appointment of the Society, and the ſorts accurately deſcribed; the Society to be at liberty to have a dozen bottles of each ſort, if they ſhall think proper, paying for the ſame;—Plate, value Ten Guineas.——The ſeparate proceſs required, to be aſcertained to the Society's ſatisfaction.

N. B. The ſoundeſt-keeping and fineſt-flavoured fruits are recommended.

64. *Smut in Wheat.*—To the perſon who ſhall diſcover, and ſatisfactorily explain to this Society, the cauſe of Smut in Wheat, and point out an effectual remedy for the ſame, to be verified by experiments; Plate, value Ten Guineas; or a recommendation to Parliament for a reward proportionate to the value of the diſcovery.

65. *Rats and Mice.*—To the perſon who ſhall diſcover, and impart to the Society, a more ſpeedy and certain method than any yet known, of *deſtroying Rats and Mice* without Poiſon; or preventing their depredations in corn-ſtores, and manufactories; Plate, value Three Guineas.

66. *Wool.*—To the perſon who, in the year 1792 or 1793, ſhall write and ſend to this Society the moſt particular and ſatisfactory account, founded on his own obſervation, of the effects of different kinds and management, ſituation, ſoil, and food, (including artificial crops) on *the Wool of Sheep*; and ſhewing how far any degeneracy in the quality of that important article, may be conſidered as owing to all or either of thoſe cauſes; Plate, value Five Guineas.

67. *Sheep for Stock.*---To the perſon who, in the year 1792 or 1793, ſhall produce to this Society the moſt particular and ſatisfactory account, founded on his own obſervation and

and experience, of the comparative value of *different kinds of Sheep for general Stock*, both on the paſture, and arable and paſture lands, of theſe Weſtern Counties; in other words, which kind of Sheep, under ſimilar treatment, will produce moſt good fat mutton at leaſt expence; Plate, value Five Guineas.

68. *Sheep moſt valuable for Wool.*—To the perſon who, in the year 1792 or 1793, ſhall clearly and fully aſcertain, by fair experimental practice, what *race of Sheep* now known in Britain, either by the preſent common, or by any improved method of managing a Flock of Sheep, will produce, in any or all of the Weſtern counties, the largeſt quantity of *the fineſt and moſt valuable Wool*, for the finer woollen-manufactures of this kingdom, together with a ſtatement of the comparative value of ſuch Wool to the Farmer, in reſpect of the coarſer and more common ſorts; and who ſhall ſtate thoſe particulars in writing to the ſatisfaction of this Society; Plate, value Ten Guineas.

69. *Dairy Cows.*—To the perſon who from his own experience, in the years 1792 and 1793, ſhall moſt clearly ſhew in writing to this Society, which *kind of Cows*, of thoſe generally known, are moſt profitable as *Dairy Stock*, on the paſture and arable farms of theſe counties; alſo by what kind and manner of winter feeding the greateſt quantity of the richeſt and fineſt-flavoured milk may be produced at leaſt expence; Plate, value Five Guineas.

70. *Neat Cattle.*---To the perſon who, in the years 1792 and 1793, ſhall ſet forth in writing, founded on his own experience, by what kind and manner of *feeding Neat Cattle* the greateſt increaſe of Beef may be produced at the leaſt expence; Plate, value Five Guineas.

71. *Store Pigs and Hogs.*---To the perſon who, in the years 1792 or 1793, ſhall write, and ſend to this Society, the beſt account, founded on his own experience, of the moſt beneficial mode of *breeding and rearing Store Pigs*, and of *fattening Hogs*; Plate, value Three Guineas.

72. *Mules.*---To the perſon who, during twelve months in the years 1792 and 1793, ſhall uſe for the common purpoſes

poſes of huſbandry a number of *Mules*, not leſs than three, nor under fourteen hands high, and who ſhall give in writing to this Society a ſatisfactory account of the advantages or diſadvantages of the uſe of thoſe animals, on a compariſon with horſes or oxen, taking into the eſtimate an accurate account of the expence of keeping; Plate, value Five Guineas.

73. *Drilling and Hand-Hoeing.* To the perſon who, in the year 1792 or 1793, ſhall aſcertain by full and fair experiment on ſimilar ſoil, and under ſimilar preparation, the comparative produce in the Drill Huſbandry, between *drilling and hand-hoeing*, at leaſt one acre of Wheat, on which not leſs than ſix pecks of ſeed had been drilled; and drilling and twice or thrice ſcarifying, according to the method recommended by the Rev. Mr. Cooke, the ſame quantity of land, with half that quantity of the ſame ſeed: Plate, value Five Guineas.

CLASS II.

PREMIUMS for promoting MANUFACTURES.

1. *MARKING Sheep.*—To the perſon who ſhall diſcover and make known to the Society any compoſition which ſhall be equally laſting with pitch and tar, for marking Sheep, without injuring the wool; a Silver Cup, value Ten Guineas.

A trial of one year, upon not leſs than twenty ſheep, and certificates of its fully anſwering the purpoſe, to be given in the firſt of July following the experiment.

2. *Writing Paper, and Package Paper.*—To the perſon who, in the years 1792 and 1793, ſhall make the greateſt quantity, not leſs than ten reams, or five bundles, of Writing, or other kinds of the moſt uſeful Package Paper, from vegetable ſubſtances not previouſly manufactured into thread, cloth, or cordage, and which ſhall be cheaper than ſimilar kinds of paper now in uſe; a Piece of Plate value Ten Guineas.

Specimens of not leſs than one ream or bundle of each kind made, to be ſent to the Society at the meeting in Sept. 1793, when claims are to be made, with affidavits of the quantity, and that it is all of the claimant's own manufacture.

N. B. Specimens of various papers made from potatoe-haulm, hop-binds, and other vegetable ſubſtances of Engliſh growth, may be ſeen at the London Society's room in the Adelphi.

3. *Madder.*—To the perſon who (not having cultivated this plant) ſhall, in autumn 1792, plant the largeſt quantity of land, not leſs than two acres, with Madder; and in the year 1796 ſhall produce the largeſt quantity of the root cured equally well, and which ſhall be as good for the purpoſe of dying, as that imported from Holland; Plate, value Twenty Guineas.

A ſpecimen

A ſpecimen of not leſs than twenty pounds of the ſaid root, to be produced at the Society's meeting in Nov. 1796, with certificates teſtifying that the reſt is of equal quality.

4. *Weld.*—To the perſon who, in the year 1792, ſhall produce the greateſt and beſt crop of Weld per acre, for the purpoſes of dying; a ſilver cup of Ten Guineas value. The quantity of land ſown to be not leſs than ſix acres.——This plant will thrive exceedingly well on the pooreſt ſoil.

N. B. For each of the two laſt Premiums there muſt be more than one claimant.

5. *Flax.*—To the perſon who, in the year 1792, ſhall raiſe and properly break, dreſs, and prepare for market, the greateſt weight of Flax per acre, on the greateſt number of acres not leſs than ten; Plate, value Five Guineas.

Claims to be made, and the crop viewed, before the Society's meeting in June 1792; and proper atteſtation made of the weight before the February meeting 1793.

6. *Hemp.* To the perſon who, in the year 1792, ſhall raiſe, and properly ſcale and prepare for market, the greateſt weight of Hemp per acre, on the greateſt number of acres not leſs than eight; Plate, value Five Guineas.

Claims to be made, and the crop viewed before the Society's meeting in June 1792; and proper atteſtation made of the weight before the February meeting 1793.

7. To the perſon who, in the year 1792 or 1793, ſhall point out, to the ſatisfaction of this Society, any cheap and durable article, manufactured, or which may be manufactured, and uſed to advantage, as *a ſubſtitute for tanned Leather*, in any conſiderable branch of conſumption for that article; Plate, value Five Guineas.

8. *Compoſition for preſerving Wood.*—To the perſon who in the year 1792 ſhall deſcribe in writing to this Society, a more cheap and durable compoſition than any now in common uſe for *covering and preſerving from decay* Barn and other outſide Doors, Weather-boarding, Gates, Stiles, and other Implements in Huſbandry; Plate, value Three Guineas.

CLASS III.

CLASS III.

PREMIUMS for IMPROVEMENTS in MECHANICS and ARTS.

1. *WOOL-Combing.*—To the perſon who ſhall contrive and deſcribe a more ſimple, cheap, and healthy mode than any yet practiſed, of Combing Wool, by uſing common coal or other fuel inſtead of charcoal; or by introducing a Sand-Heat for the combs; ſimplicity and cheapneſs of the apparatus to be particularly attended to, and the ſucceſs verified by ſatisfactory experiments; Plate, value Five Guineas.

2. *Machine for Winding Wool.*—To the perſon who ſhall invent and deſcribe a Machine for Spoling or Winding off Worſted on Canes, and forming it into warp at the ſame time, in the cheapeſt and moſt expeditious manner; Piate, value Ten Guineas.

The merit of the invention to be verified by the teſtimony of woollen manufacturers from ſatisfactory experiments.

3. *Steam Corn-Mill.*—To the perſon who ſhall invent, and clearly deſcribe, a cheap and uſeful Corn-Mill, to be worked by Steam, turning one pair of ſtones, grinding at leaſt four Wincheſter buſhels per hour, and dreſſing Meal at the ſame time as perfectly as a water-mill; Plate, value Twenty Guineas.

The expence of the machinery and neceſſary building not to exceed 200l.

4. *Plough with two Horſes or four Oxen.*—To the perſon who, in the year 1792, ſhall invent, or materially improve, any plough, ſo as to render it ſuperior to any yet known, for the common uſes of huſbandry, and capable of being worked to advantage on ſtrong clay land with two horſes or four oxen; Plate, value Five Guineas.

The

The merit of ſuch plough to be determined by the Committee of Farmers, from its performance at the next publick trial of ploughs.

5. *Drill-Plough.*—To the perſon who ſhall invent, and preſent to this Society, a Drill-Plough for general uſe, more ſimple and cheap in its conſtruction, and more perfect in its operation, than any general drill-plough yet known; Plate, value Ten Guineas.

6. *Cement for Ciſterns.*—To the perſon who ſhall invent a cheap and effectual compoſition, that ſhall completely anſwer the end of foreign Terras, in the cementing or lining of brick or ſtone ciſterns, ſo as to hold water perfectly well, either under or above ground; Plate, value Five Guineas.

7. *Detection of unwholeſome Ingredients in Beer.*—To the perſon who, from chemical analyſis, ſhall diſcover an eaſy and certain method of detecting the infuſion of any unwholſome ingredient in ſmall or ſtrong Beer, ſold by common brewers or publicans; to the end that families may be enabled to detect ſuch dangerous impoſitions; Plate, value Five Guineas.

8. *Machine for conveying Green Winter Crops off wet Arable Land.*—To the perſon who ſhall invent and conſtruct the ſimpleſt and moſt uſeful Machine for conveying Green Winter Crops off wet Arable Land, by means of which the work may be done cheaper, and with leſs poaching, or other injury to the land than by any method now practiſed; Plate, value Ten Guineas.

The machine, or a complete model of it, to be produced to the Society at or before the meeting in September 1792 or 1793, and proper time for trial allowed.

9. *Deſtroying Vapours in Coal-Mines.*—To the perſon who ſhall conſtruct a portable apparatus, on a better and more eligible plan than thoſe now in uſe at Newcaſtle, or elſewhere, and which ſhall be capable of effectually deſtroying or expelling the noxious Vapours in Coal-Mines; Plate, value Ten Guineas.

If the ſaid apparatus or machine will not only fully anſwer

the above purpoſe, but alſo produce ſufficient light for working Coal-Mines, without burning candles or lamps in them, this premium will be enlarged to Twenty Guineas.

A model or models of the ſaid apparatus to be produced, and claims made, on or before the firſt of January 1793.

10. *Deſtroying Smoke in Glaſs-Houſes.*—To the perſon who ſhall diſcover and make known to the Society, on or before the firſt of October 1793, a cheap, eaſy, and effectual method of deſtroying the Smoke of Glaſs-Houſes, Fire-Engines, Furnaces, &c. aſcertained by experiments properly atteſted, in order to prevent their being an annoyance to the neighbourhood; an Honorary Premium of Plate.

11. *Plough for Potatoe Crops.*—A piece of Plate, value Three Guineas, will be given to the inventor of the beſt new-conſtructed Plough for ploughing up Potatoe Crops, by which the work may be done with the leaſt loſs or damage to the crop. The ſaid plough to be ſent to the Society on or before the firſt of September 1792, that trials may be made previous to the meeting in November.

12. *Machine for Floating Paſture Lands.*—To the perſon who ſhall invent and make a better Machine than has yet been conſtructed, for raiſing water to float Paſture Lands; Plate, value Twenty Guineas.

The ſaid Machine to be worked either by wind or water, and to raiſe water at leaſt four feet above the ſurface of the ſtream whereon it is placed.

A model of the ſaid Machine, with a certificate teſtifying that the machine itſelf has been worked, and found effectually to anſwer the purpoſe, to be produced at or before the Society's meeting in November 1792.

N. B. The more ſimple and cheap the conſtruction, and the leſs attendance required, the greater will be its merit.

13. *Hand-Mill.*—To the perſon who ſhall conſtruct and preſent to the Society, on or before the firſt of September 1792, the beſt Hand-mill for grinding wheat for private families, which ſhall be different from, and for ſimplicity, cheapneſs,

cheapneſs, and effect, ſuperior to, any now in uſe; Plate, value Ten Guineas.

14. *Italian Method of Killing Cattle.*—A Silver Cup of Five Guineas value will be given to the Butcher who, in the year 1792, ſhall kill the greateſt number of Horned Cattle, Sheep, and Hogs, in the method, and with the ſame kind of inſtrument uſed for that purpoſe at Naples, and recommended by Sir *William Hamilton* in his letter to the Society.

The number of Horned Cattle ſo killed to be not leſs than 50, and of Hogs and Sheep nor leſs than 100 each.

Claims, and certificates on oath, to be produced on or before the firſt of September 1793.

A correct drawing of this inſtrument may be ſeen at the Society's Room, with directions how to uſe it.

15. *Securing Buildings from Fire.*—For the beſt method of effectually preventing accidental Fires in Houſes or other Buildings, by a cheaper method than has been hitherto ſuggeſted; Plate, value Ten Guineas.

16. *Greateſt Stock of Bees.*—To the perſon who, in the year 1792, ſhall raiſe, under his own care and inſpection, the greateſt number of Stocks of Bees, not leſs than twenty; a Piece of Plate, value Three Guineas.

17. *Honey or Wax, without deſtroying the Bees.*—To the perſon who, in the year 1792, ſhall produce the greateſt quantity of Honey or Wax, from Bees of his own raiſing, and that without deſtroying the Bees; a Piece of Plate, value Three Guineas.

N. B. Claims for the laſt two Premiums to be made before the firſt of November 1792.

18. *Friendly Societies.*—A premium of Ten Guineas will be given to the moſt numerous Friendly Society, conſiſting chiefly of Handicraftsmen and Labourers, which ſhall, before the firſt day of January 1793, be eſtabliſhed in any town or pariſh, within either of the Weſtern counties, where no ſuch Society now ſubſiſts.

The Conditions of this premium are,

1*ſt*. That the Society ſhall have been eſtabliſhed one year, and conſiſt of not fewer than forty Members when the claim is made.

2*dly*. That none of the ſaid members ſhall have belonged to any other club of this kind ſince the firſt of Jan. 1791.

3*dly*. That no Society ſhall be entitled to this premium, unleſs there be a clauſe inſerted in their Articles, that no part of their ſtock ſhall ever be laid out in the purchaſe of *Lottery Tickets*, or in any other way which may riſque any part of their property in games of chance.

4*thly*. That as ſoon as their fund amounts to 100l. one half of it ſhall be laid out in government or land ſecurity.

5*thly*. That ſhould it increaſe in future ſo as to enable them to make any diviſion of their principal among the members, they ſhall have a rule always on making ſuch diviſion to leave at leaſt one hundred pounds in ſtock.

6*thly*. That every Society intending to claim this premium ſhall, at the time of its inſtitution, ſend a fair copy of their Articles to this Society for inſpection before printing them.

7*thly*. That each claim ſhall be accompanied with a certificate, ſigned by the Miniſter and Churchwardens of the pariſh; containing a printed copy of their Articles, the amount of their ſtock, and the number of actual members, with their names and occupations.

Claims to be made at the meeting in September 1793.

It is recommended to Farmers, &c. to promote theſe Societies, by becoming members of them, as they evidently tend to leſſen the Poor's Rates.

PLOUGHING. As in the whole circle of Agricultural practice, there is nothing more intereſting to the Farmer than *Ploughing well* and *cheap*; the following Premiums are offered, that a fair and general comparative trial may take place in March or April 1793, of the various Ploughs of different conſtructions:

For

For the Plough that performs beſt, Six Guineas.

For the ſecond-beſt, Four Guineas.

For the third-beſt, if it has any real merit, Two Guineas.

And that rewards be alſo given to the Ploughmen, viz.

To the Ploughman of the firſt-beſt, a pair of Buck-ſkin Breeches, or a Guinea.

To the ſecond-beſt, a pair of ſtrong Sheep-ſkin ditto, or Half-a-Guinea.

To the third-beſt, a Smock Frock, or a Crown.

Particulars of the day and place to be agreed on at the February meeting, and advertiſed in their reſolutions.

NEW PREMIUMS for 1792.

1. TO the perſon or perſons who, in the years 1792 and 1793, or who in 1792, 1793, and 1794, ſhall, by any experimental method which he or they ſhall deviſe, aſcertain to the ſatisfaction of this Society, which of the undermentioned Breeds of Sheep is the moſt valuable for general ſtock in theſe Weſtern Counties, taking into the account both the carcaſe and the wool; or what mixture or degree of mixture, ſhall demonſtrably claim a decided preference, viz,

1. The native Mendip,
2. The Dorſetſhire,
3. The large horned Wiltſhire,
4. The Cotſwold Hills,
5. The South Downs,
6. The Leiceſterſhire.

Premium, a Silver Bowl, value Twenty Guineas.

N. B. It is expected that all the ſorts above-mentioned ſhall be brought into the compariſon, and that the Experiment ſhall proceed on the ſcale of three ſheep at leaſt of each ſort. As long a term of notice as poſſible to be given to the Society previous to the killing of the Sheep, that a competent Committee of enquiry may be appointed to witneſs the reſult. Such Committee to conſiſt of three experienced farmers, and two woollen manufacturers, which five perſons ſhall have Two Guineas each allowed them for their trouble of repeated inſpection; and if more experimental Farmers than one ſhall engage in the trial, the Premiums, if awarded at all, ſhall be divided according to the merit of the parties. And if no ſatisfactory concluſion ſhall be drawn from ſuch experimental trial, Plate to the amount of half the premium ſhall be given as a token of the Society's approbation of the great merit of the attempt. Suitable honorary Inſcriptions to be engraven on each Piece of Plate.

2. To

2. To the perſon who, on or before the firſt of November 1792, ſhall write and preſent to this Society the moſt clear, comprehenſive and ſatisfactory Eſſay or Treatiſe for a Reform of the Poor Laws, in this country, ſhewing by what practicable and eaſy method the poor may be generally enabled to eſcape the neceſſity of applying to the pariſh for relief, and may ſubſiſt moſt comfortably by a provident management of their earnings. To be aided for that purpoſe by a methodical co-operation of their maſters and ſuperiors. Plate, value Five Guineas.

3. To the perſon who, on or before the firſt of November 1792, ſhall give the beſt deſign and elevation for ſix Cottages, the moſt roomy, healthy and conveniently divided, containing two rooms on a floor, and which ſhall not exceed the coſt of 40l. or at moſt of 50l. each Cottage.——Saving in price to be conſidered as the principal merit.—Plate, value Five Guineas.

4. To the perſon who ſhall invent, and communicate to this Society, a ſafe and effectual ſubſtitute for White-Lead and Litharge, in the year 1792 or 1793. Satisfactory ſamples to be produced to the Society. And it is expected that the new glazing of the Earthen Ware ſhall be equally proof againſt acids as that which has long been employed for Stone Ware, and which conſiſts of a partial vitrification of the clay without the intervention of any metallic calx.

5. To the perſon who, on or before the firſt of November 1792, ſhall write and ſend to this Society the beſt practical Treatiſe on Planting and the management of Woods, together with the preſent ſtate of the woods of this country, particularly in the Weſtern counties; Plate, value Five Guineas.

The following Forms of Certificates, on behalf of Servants and Labourers claiming the bounty of this Society, are required to be obſerved, viz.

No. I.

CERTIFICATE *of a* SERVANT'S GOOD BEHAVIOUR, *proper to be ſent with the Notice* No. III.

Pariſh of , *in the county of* , *Oct.* , 1792.

THIS certifies that has lived with as a yearly Servant, wholly employed in huſbandry, during years, ending the of laſt; that was not a pariſh apprentice; and that conduct during the whole time has been honeſt, ſober, orderly, and induſtrious: as ſuch beg leave to recommend as worthy the reward of the Bath and Weſt of England Agriculture Society.

—— —— Maſter,
—— —— Miſtreſs.

WE, whoſe names are hereunto ſubſcribed, do declare that the above-written parties are well known to us, and that we believe the account to be ſtrictly true.

—— —— } Miniſter of —— aforeſaid
—— —— } Churchwardens
—— —— } *or* Overſeers.

To the Society for the Encouragement of Agriculture, &c. at Bath.

No. II.

No. II.

CERTIFICATE *of* INDUSTRY *and bringing up a* FAMILY.

Pariſh of , *in the county*
of , *Oct.* , 1792.

THIS certifies that , a labourer in huſbandry, of the pariſh of in the county of , to the beſt of our knowledge and belief, and according to his own declaration made to us, has had born to him legitimate children, of whom he has maintained and brought up (the youngeſt being more than 7 years of age) by his own labour in huſbandry only, without receiving any parochial aſſiſtance; and not having rented during any part of the aforeſaid period more than 4l. per annum.

—— —— Preſent Maſter.

—— —— } Miniſter of the pariſh aforeſaid.

—— —— } Churchwardens
—— —— } *or* Overſeers.

To the Society for the Encouragement of Agriculture, &c. at Bath.

No. III.

No. III.

Form of a NOTICE *to be given by Servants, intending to claim for faithful Servitude, according to the Rule in ſuch Caſes; this Notice to be accompanied by a Certificate, according to Form* No. I.

Pariſh of , *in the county of* , *Oct.* 1792.

SIR,

I beg you to inform the Nobility and Gentlemen of the Bath and Weſt of England Agriculture Society, that having lived a hired yearly ſervant in the ſtation of with of this pariſh, during years, ending the of laſt; I intend, if it pleaſe Divine Providence to grant me life and ability, ſo to live in ſobriety, induſtry, and fidelity, in the ſame place, as at the end of five years from the expiration of my laſt, to claim a Premium of the ſaid Society, with ſucceſs.

Witneſs my hand,

To the Secretary of the Bath and Weſt of England Agriculture, &c. Society.

N. B. All certificates reſpecting Servitude and Induſtry to be ſent in before the firſt of November in each year.

GENERAL

GENERAL CONDITIONS.

Although in wording the foregoing Premiums, care has been taken to guard againſt improper Claims, the Society think it expedient to add, that their deſign is not to reward thoſe who are already Good Farmers for what happens to be their uſual mode of practice: but to increaſe the number of ſuch, by exciting a ſpirit of emulation in others to follow their example; and to indemnify them for any extra expence or loſs they may ſuſtain from new experiments. And therefore, to prevent any claimant from gaining any Premium, who, although he may have complied in his uſual courſe of practice with the mere letter of the premium offered, has done nothing new to obtain it, the following GENERAL CONDITIONS *are added.*

THE Society reſerve to themſelves the power of giving, in all caſes, ſuch part only of any premium as the performance ſhall be judged to deſerve; or of withholding the whole, if there be no merit.

To prevent partiality, it is required that accounts of all matters for which premiums are claimed, be delivered in without names, or any intimation to whom

whom they belong. That each particular model, ſpecimen, deſign, &c. be marked in what manner the claimants ſhall think fit, each claimant ſending with it a ſealed paper, having on the outſide a correſponding mark, and on the inſide his name and addreſs.

No papers ſhall be opened but ſuch as ſhall gain Premiums, unleſs where it appears abſolutely neceſſary for the determination of the claim. All the reſt ſhall be returned unopened, with the marks to which they belong, if enquired after by their marks within two years. If not demanded, they ſhall be publickly burnt, unopened, at ſome meeting of the Society.

The claims ſhall be determined at the Annual Meeting next after which they are made, except in caſes where the premium is extended to another year.

☞ The Annual Meeting to poſſeſs a diſcretionary power of giving any honorary premium, immediately, for any new Eſſay, Model, or Diſcovery, which may be thought to deſerve it.

A LIST

A

LIST

OF THE

PREMIUMS and BOUNTIES

GIVEN BY THIS SOCIETY.

To 36 Claimants in Agriculture ——	225	7	0
To 11 ditto in Mechanicks — —	53	11	6
To 3 ditto in Gardening and Botany ——	26	5	0
To 1 ditto for improving Cattle ——	5	5	0
To 6 ditto in Manufactures — —	23	2	0
To 3 ditto, Women reaping — ——	7	7	0
To 5 ditto, Eſſays on Agriculture — —	45	3	0
To 2 ditto, Friendly Societies —— ——	21	0	0
To 12 ditto, for Prizes at public trial of Ploughs	29	2	6
To 21 ditto, Labourers in Huſbandry, for bringing up large families without parochial aid	59	17	0
To 88 Servants in Huſbandry for long and faithful Servitude —— —— ——	226	16	0
Amount of Premiums prior to the year 1791 £.	722	16	0

Premiums given for the Year 1791.

SOMERSETSHIRE.

To John Billingſley, eſq; for having the beſt and cleaneſt crops of Corn, and his Farm in beſt order, Plate —— — ——	10	10	0

	£.	d.	s.
Brought forward	10	10	0
To the Servants of R. P. Anderdon, esq; for Drilling and Horse-hoeing —— —	3	3	0
To William Carpenter, for bringing up a Family of 8 Children by labour in Husbandry ——	3	3	0

WILTSHIRE.

To William Dyke, esq; for improvement on the Double Plough, Plate —— ——	5	5	0
To Mr. Thomas Lewis, for a fine crop of Turnips, Plate —— ——	5	5	0
To Wm. Atwood, for having 55 Hives of Bees in Stock, after taking 29 this year —	3	3	0

GLOUCESTERSHIRE.

To Mr. J. Morse, of Newent, for raising upwards of 600 Crab-Stocks for Grafting, from one year's sowing, Plate —— ——	5	5	0

HAMPSHIRE.

To Tho. South, esq; towards expence of drawing and engraving Plates, to exemplify the growth of Oaks, &c. Plate ——	10	10	0
£.	46	4	0

NAMES

NAMES of the preſent MEMBERS

ALPHABETICALLY ARRANGED.

Their Graces the DUKES of

BUCCLEUGH
MARLBOROUGH
MONTROSE, and
NEWCASTLE.

MARQUISSES of BATH and LANSDOWN.

The EARLS of

AILESBURY
ARUNDEL
CORK
DARTMOUTH
FITZWILLIAM
ILCHESTER
SHAFTESBURY, and
WINCHELSEA.

LORDS

AUDLEY
BATEMAN
BAYHAM
BULKLEY
DE MONTALT
PETRE
RIVERS
SHERBORNE,
and
WEYMOUTH.

BARON DIMSDALE.

His Highneſs the PRINCE of DASHCAW.

COUNT RICE.—COUNT SALIS.

A.

ANDERDON R. P. eſq; *Henlade*, near *Taunton*
Acland Sir Tho. Dyke, bart.
Acland Hugh, eſq; *Bath*
Ames Levi, eſq; *Charlton*
Atwood Rich. eſq; *Turley*
Anderdon Wm. eſq; *Bath*
Anſtie John, eſq; *Devizes*
Alexander Mr. J. *Maningford*
Aldworth Rich. eſq; *Ireland*
Audry John, eſq; *Notton*
Aſtley F. D. eſq; *Everley*
Ames Levi, eſq; *Briſtol*
Axford Mr. John, *Eaſtcot*
Allen Geo. Edw. eſq; *Bath-Hampton*

B.

Buller Sir Francis, bart.
Blagrave John eſq;
Barclay Robert, eſq; *London*
Baſkerville

Baſkerville Major
Barter Rev. Wm. Brudenell, *Timſbury*
Broughton Rev. J. *Twerton*
Buſh Robert, eſq; *Tracey-Park*
Bovet Wm. eſq; *Wellington*
Bright Lowbridge, eſq; *Briſtol*
Bright William, eſq; *ditto*
Bolton ——, eſq; *Ireland*
Bathurſt Pool, eſq; *Alton, Dorſetſhire*
Brickdale Matthew, eſq; *Monckton*
Barnard James, eſq; *Crowcombe*
Ballard Wm. Aldridge, eſq; *Bratton, Wilts*
Barry Redmond, eſq; *Bath*
Billingſley John, eſq; *Aſhwick-Grove*
Beaufoy H. eſq; *London*
Bethel G. eſq; *Bradford*
Boſwell Mr. G. *Piddletown*
Baylis Mr. Robt. *Weſterleigh*
Bartley Mr. Nehemiah, *Briſtol*
Bradley Mr. *Mells*
Burgh Henry, eſq; *Stroud*
Bretton Mr. Lionel, *Bath*
Browne John Francis, eſq; M. P. for *Dorſet*
Biſhop Mr. John, jun. *Calne*
Beach Michael Hicks, eſq;
Beddingfield Philip, eſq; *Ditchinton-Hall, Suffolk*
Baker Rev. W. L. *Stoutſhill* near *Durſley*
Butcher Mr. Wm. *Shurcot, Wilts*
Brooke Mr. Chs. Fred. *Fordington*

C.

Corbett Sir Corbett, bart. *Adderly Hall, Salop*
Cam Samual, eſq; *Bradford*
Cotton Thomas, eſq; near *Barnſley*
Coxe C. Weſtley, eſq; *Kemble*
Cox Laurence, eſq;
Cox Joſeph Maſon, M. D. *Fiſh-Ponds*
Curtis John Adey, eſq; *Oxford*
Colborne Benj. eſq; *Bath*
Chapman Anth. eſq; *Woolcombe-Hall, Dorſet*
Coxe Henry Hippeſley, eſq; *Ston-Eaſton*
Crook Mr. T. *Tytherton*
Collins J. eſq; *Hatch-court*
Cleobury Rev. Dr. *Bath*
Clark Richard Hall, eſq; near *Collumpton*
Collins Mr. B. C. *Saliſbury*
Coke T. W. eſq; Holkham-*Hall, Norfolk*
Clavill William eſq; *Bath*
Cruttwell Mr. W. *Sherborne*
Cruttwell Mr. Richard, *Bath*
Creſwell Eſtcourt, eſq; *Bibury*
Croſſe Rich. eſq; *Broomfield*
Croſley Wm. eſq; *Bath*
Collett Mr. Iſaac, *Bath*
Clark Mr. Wm. *Bath*
Claridge M. eſq; *London*
Clutterbuck Rev. Lewis, *Ozleworth, Gloceſterſhire*
Coole Benj. eſq; *Bath*
Cole Mr. Thomas, *Briſtol*
Cabell Mr. Joſeph, *Road*

D.

Duntze Sir John, bart. *Rockbere, Devon*
Durbin Sir John, *Briſtol*
Damer Hon. Lionel
Daniel Samuel, eſq; *Yeovil*
Dickinſon Barnard, eſq; *Monks*

Drax

Drax Tho. Earle, eſq; *Charborough-hall, Dorſet*
Derham Mr. Henry, *Bath*
Darch Major, *Hill-Biſhops*
Dumareſq Rev. Dr. *Yeovilton*
Davis Tho. eſq; *Long-Leat*
Dyke Wm. eſq; *Syrencot*
Dyke T. W. eſq; *Sarum*
Davies W. eſq; *Coomb-Grove*

E.

Eſtcourt T. eſq; M. P. for *Cricklade*
Earl W. Benſon, eſq; *Sarum*
Evill Mr. James, *Bath*
Everitt J. Gale, eſq; *Heyteſbury*
Everitt W. M. eſq; *ditto*
Eagles Thomas, eſq; *Briſtol*
Edwards Sam. eſq; *Cotham-Lodge*, near *Briſtol*
Evelyn John, eſq; *Bath*

F.

Falconer William, M. D. F. R. S. *Bath*
Fothergill Anthony, M. D. F. R. S. *Bath*
Frazer William, M. D. *Bath*
Forteſcue R. Inglet, eſq; *Devon*
Freke Rev. J. *Wyke, Dorſet*
Foſter Mr. John, *Bath*
Fitchew Mr. Cha. *Roundway*
Fox Mr. Tho. *Wellington*
Franklin J. eſq; near *Cowbridge, South-Wales*
Freeman Tho. Edwards, jun. eſq; *Gloceſterſhire*
Fielde Mr. Laurence, *Bath*
Fry William, eſq; *Briſtol*
Froud Mr. Richard, *Brixton Deveril*

G.

Grenville Hon. James, M. P. *Butleigh*
Guiſe Sir John, bart. *Highnam-Court, Gloceſterſhire*
Gordon Mr. James, *London*
Greenaway Giles, eſq; *Barrington*
Gale Mr. John, *Stert, Wilts*
Gent Mr. James, *Devizes*
Gabriel Rev. Dr. *Bath*
Goadby Mr. *Sherborne*
Garnet John, eſq; *Briſtol*
Gurney Bartlett, eſq; *Norwich*
Greathead Ed. eſq; *Uddens*, near *Wimbourne, Dorſet*
Galton Sam. jun. eſq; *Birmingham*
Gordon John, jun. eſq; *Briſtol*
Gould Rev. Mr. *Luckham*
Grant Mr. J. *All-Cannings*
Gray Charles Gordon, eſq; *Baycliff*
Griffith Mr. Robert, *Marlborough*
Gapper Rev. Mr. *Charlton*

H.

Hawkins Chriſt. eſq; *Trevithen, Cornwall*, M. P.
Hawkins Mr. *Down-Emney*
Hoare Sir Richard Colt, bart.
Harington Edward, eſq; *Bath*
Harington Rev. Dr. *Thruxton*
Hamilton Charles, eſq;
Hinton Mr. J. *Horningſham*
Harvey Dr. *Holt*
Hoare Edward, eſq;
Horner Tho. eſq; *Mells-Park*
Horlock Iſaac Webb, eſq;
Hazard Mr. Joſiah, *Holt*
Harford Joſeph, eſq; *Briſtol*
Harford Ch. Joſ. eſq; *Briſtol*

Hunter John, eſq; *Bath*
Harris Thomas, eſq; *Briſtol*
Hinton Wm. eſq; *Biſhopſtrow*
Hawker Wm. eſq; *Pitminſter*
Hyatt Mr. T. *Shepton*
Hazard Mr. Samuel, *Bath*
Harriſon Mr. Nicholas, near *Mangotsfield*
Hewit Mr. J. *Rolſton*
Hooper Mr. John, *Bath*
Hellicar Mr. jun. *Briſtol*
Higgs Mr. Thomas, *Sodbury*
Hamilton James, eſq; *Bath*
Hall Tho. eſq; *Preſton-Candover*
Henſley Mr. John, jun. *Bath*
Hayter Tho. eſq; *Wint. Stoke*
Harte John, eſq; *Bradford*

J.

Jacks Walter, eſq; *Briſtol*
James W. S. eſq;
Jekyl Joſeph, eſq; *Spettiſbury*
Jones John, eſq; juu. *Bradford*
Jenkins William, eſq; *Shepton*

K.

Kent Rev. Dr. *Pottern*
Kirkpatrick Joſeph, eſq; near *Hereford*
King James, eſq; M. C. Lower-Rooms, *Bath*
Knatchbull Capt.
Keppell ——, eſq; *Preſbury*
Keighley J. I. eſq; *Bath*

L.

Long Sir James Tylney, bart. M. P.
Lettſom J. Coakley, M. D. F. R. S. S. A. *London*
Ludlow Mr. Daniel, *Sodbury*
Lyſons Daniel, M. D. *Bath*
Lovell Rev. Archdea. *Wells*
Lethbridge John, eſq; *Sandhill-Park*
Lowder John, eſq; *Bath Bank*
Lovell John, eſq; *Wells*
Luttrell Rev. A. F. *St. Andries*
Lewis Mr. Thomas, *Wedhampton*
Leigh Rev. Wm. *Bath*
Lewis Rev. Wm. *Corſham*

M.

Miller Sir John Riggs, bart. *Bath-Eaſton*
Moleſworth Sir Wm. bart.
Maſter Thomas, eſq; M. P.
Matravers Mr. *Wellington*
Meares Robert, eſq; *Frome*
Meſſiter R. eſq; *Wincanton*
Meſſiter Rev. J. *Wincanton*
Mighell Mr. Joſeph, *Kennet*
Moger Mr. R. *Milverton*
Morgan Rev. Nath. *Bath*
Moore Hon. and Rev. Robt. *Bath*
Mayo Rev. Mr. *Beachenſtoke*

N.

Naſh Sir Stephen, *Briſtol*
Nagle Joſeph, eſq; *Bath*
Nihel Dr. *Circus, Bath*
Noad Jonathan, eſq; *Road*
Neate Thomas, eſq; *Bath*
Newman Mr. John, *Norton St Phillips*
Newman John, eſq; near *Mallow, co. Cork*
New Mr. Samuel, *Briſtol*

O.

Orchard Paul, eſq; *Hartland Abbey*
Orchard Mr. Walter, *Bath*

P.

Palk Sir Robert, bart. M. P.
Paul Sir G. O. bart.

Phelips

Phelips Edward, eſq; M. P. for *Somerſetſhire*
Phelips Edw. eſq; *Montacute*
Pickwick Mr. Eleazer, *Bath*
Patten Thomas, eſq; *Bath*
Phillott Charles, eſq; *Bath*
Provis Wm. eſq; *Shepton*
Palmer John, eſq; *London*
Parry Caleb H. M. D. *Bath*
Parſons Mr. Tho. *Blagden*
Pine Mr. William, *Briſtol*
Piercy J. *Stoke near Lavington*
Perrot George, eſq; *Perſhore, Worceſterſhire*
Perry Mr. John, *Bath*
Peacey Mr. Wm. *Northleach*
Pugh B. eſq; *Midford-Caſtle*
Pitt William Morton, eſq; Member for *Dorſetſhire*
Pierce John Harvey, eſq; *Clocombe-Houſe, Devon*

R.

Robertſon M. S. M. D. *Bath*
Rogers John, eſq; *Yarlington*
Rolle Dennis, eſq; *Shapwick*
Rogers Rev. J. *Berkely*
Reynolds Mr. Rich. *Ketley*
Reynolds Edm. eſq; *Milford*, near *Lymington, Hants*
Robins Mr. Thomas, *Briſtol*
Richardſon Mr. Rd. *Devizes*
Rich Julius Samuel, eſq; *Trowbridge*
Randolph Rev. Mr. *Corſton*
Raſhleigh P. eſq; M. P. *Manabilly* near *Fowey*
Reynolds Edm. eſq; *Bath*
Rogers John, eſq; *Uphill-Houſe, Somerſet*

S.

Smith Sir John, bart. *Sydling St. Nicholas, Dorſet*
Scudamore Lieut. Col. M. P. near *Hereford*
Stephens Jas. eſq; *Camerton*
Sutton James, eſq; *Devizes*
Stephens Sam. eſq; *Tregony Caſtle*
Strachey Henry, eſq; M. P. *Sutton-Court*
Sainſbury William, eſq; *Bath*
Smith Robert, eſq; M. P. for *Nottingham*
Savery John, eſq; *Butcombe-Houſe*
Sanford H. W. eſq; *Monkton*
Sandford Rev. Mr. *Sandford-Hall, Salop*
Smith Rev. M. S. *Prior-Park*
Sibley Rev. J. *Walcot*
Swaine Rev. G. *Pucklechurch*
Shirley Edward, eſq;
Shirley Evelyn, eſq;
Sheppard Mr. Walter, *Frome*
Sandford ——, eſq; *Bath*
Sanders Mr. Tho. *Briſtol*
Smith Joſhua, eſq; M. P. for *Devizes*
Smith Ralph, eſq; *Gay Brook, Ireland*
Smith John, eſq; *Combhay*
Shafto Robert, eſq; *Barford, Wilts*
Smith Mr. James, *Corſton*
Smith Samuel, eſq; *London*
Smith Benj. eſq; *London*
Smith Capt. Wm. Sidney
Sweet Rev. Tho. *Baliol College, Oxon*
Spry Capt. Tho. *St. Mawes, Cornwall*
South Tho. eſq; *Boſſington*
Sloper Wm. Chs. eſq; *Weſtwoodhay*, near *Newbury*
Sumner Rev. Dr. *Bath*
Saliſbury Mr. T. *Fordington*

Trevelyan

T.

Trevelyan Sir John, bart. M. P. for *Somerſetſhire*
Trenchard William, eſq;
Tylee Mr. John, *Devizes*
Trelawney Rev. Sir Harry
Tooker J. eſq; *Norton-Hall*
Tugwell Mr. L. *Beverſtone*
Thomas Mr. John, *Briſtol*
Tinker Mr. Wm. *Lavington*

V.

Vaughan Mr. Geo. *Priſton*
Vagg Mr. Hen. *Chilcompton*
Vernon Rev. Edw. *Bourton on the Water*
Vivian Rev. Mr. *Withiel, Cornvall*
Velley Major, *Bath*
Vaughan John, eſq; *Golden-Grove*

W.

Winnington Sir Edward, bart. *Winterdyne, Worceſterſhire*
Wrey Sir Bouchier, bart. *Tawſtock, Devon*
Watſon Wm. eſq; F. R. S. *Bath*
Waller Edm. eſq; *Farmington*
Whitehead John, eſq; *London*
Wadman J. eſq; *Imber-hall*
Williams J. H. eſq; *Wales*
Walcot Edmund, eſq;
Williams P. eſq; near *Brecon*
Were Mr. Nich. *Wellington*
White John, eſq; *Ilcheſter*
Wright Nathan, eſq; *Bath*
Woolcombe Dr. *Bath*
Whitaker Wm. eſq; *Bath*
Webb John, gent. *Doynton*
Webb Francis, eſq; *Sarum*
Winter Tho. Bradbury, eſq; *Frome*
Whitmarſh John, eſq; *Taunton*
Wheate Sir J. F. bart.
Wentworth Fred. Tho. eſq; *Henbury, Dorſet*
Wiggett Rev. Mr. *Crudwell*
Weſtcott Geo. eſq; *Bath*
Waddington Benjamin, eſq; *Lanover-Court, Abergav.*

Honorary and Correſpondent Members.

Monſ. Poitevin, Preſident of the Royal Society of *Montpellier.*

Monſ. Roland de la Platiere, Inſpector-General of the Manufactures in *France.*

Monſ. de Rully, of *Lyons*, Preſident of the Royal Society there.

Monſ. l'Abbe de Vitre, Secretary of the aforeſaid Society.

Monſ. Froſſard, L. L. D. Miniſter of the Proteſtant Church at *Lyons.*

Hon. Mr. Charles de Heithauſen, *Sileſia.*

Adams

Adams James, eſq; *London*
Anderſon Dr. Jas. *Scotland*
Beevor Sir Thomas, bart. *Hethel-Hall, Norfolk*
Beeſly Mr. James, *London*
Barclay David, eſq; *Herts*
Bakewell Mr. *Diſhley*
Clendon Rev. Mr. *King's-Erompton*
Cooke Rev. Mr. *London*
Cloſe Rev. H. J. *Bath*
Dobſon Mr. *Norwich*
Fordyce Dr. Geo. *London*
Grieve Dr. John, F. R. A. SS. *Edinburgh*, and late Phyſician to the Ruſſian army
Gullet Chriſt. eſq; *Exeter*
Grimwood Mr. *Kenſington*
Hunter Dr. *York*
Hinton Dr. *Norfolk*
Hill Chriſt. eſq; *Darlington*
Hawes Dr. *London*
Hawes Rev. Mr. *Box*
Howman Rev. Mr. *Norfolk*
Howell Rev. Mr. *Poole*
Holt Mr. John, *Walton*
Honeybone Mr. *Diſhley*
Ingenhouz Dr. *Vienna*
Ireland Rev. Dr. *Briſlington*
Kett Mr. Tho. *Norwich*
Kirby J. eſq; *Ipſwich*
Komove Monſ. from Peterſburgh
Marſhall Mr.
Moreau Simeon, eſq; M. C. *Cheltenham*
Moore Samuel, eſq; *London*
Manſel Sir William, near *Carmarthen*
Meſtral Col. de, *Portugal*
Morſe Mr. *Newent*
Martin Tho. eſq; *London*
Portarlington Right Hon. Earl of
Prieſtly Joſ. LL. D. F. R. S. *Clapton*
Pellet Mr. *Bardfield, Eſſex*
Pryce Mr. Benj. *Saliſbury*
Phillips Mr. Rich. *Redruth*
Sanſom Philip, eſq; *London*
Sheffield Lord
Staples Sir Robert, bart.
Sanders Rev. Mr. *Sidmouth*
Turner Rev. David, Secretary to the *Cardigan Society*
Woods Mr. Joſeph, *London*
Wagſtaff Mr. John, *Norwich*
Wimpey Mr. Joſeph *Hants*
Woodbine Wm. eſq; *Norfolk*
Wickins Mr. *Hants*
Yeldham J. jun. eſq; F. A. S.
Young Arthur, eſq.

FIR-PLANTATIONS.

THE Committee of Agriculture and Planting have repeatedly had under their conſideration the alarming miſchiefs ſuſtained for ſeveral years paſt, by different gentlemen, from the depredation of *Squirrels*, on their Fir-Plantations. By anſwers to a circular letter of enquiry; it does not ſeem that the grievance is general through the kingdom. But as thoſe few gentlemen, who have been principal ſufferers, have ſuffered almoſt the ruin of their woods, it is much wiſhed that if any gentleman can point out a better method of deſtroying, than the tedious one of ſhooting, thoſe little miſchievous animals, he would be pleaſed to communicate it to the Secretary. The Society has reſtrained from offering a premium for ſuch a diſcovery, ſuppoſing any uſeful information was moſt likely to come from gentlemen of fortune. But the ſucceſsful ingenuity of any other man would be thankfully rewarded.

PREMIUMS

PREMIUMS.

ALPHABETICALLY ARRANGED.

	Page
ASH, planting Bogs with	30
Agriculture, improvements in	32
Apple-Trees and Cyder	39
Apple-Trees, planting for ditto	42
Buck-Wheat, ſowing of	26
Broad-Clover, ſubſtitute for	38
Bulls, for Stock	41
Beer, detection of unwholeſome Ingredients in	49
Bees, greateſt Stock of	51
—— taking Honey and Wax, without deſtroying them	*ib.*
Carrots	27
Corn Crops, beſt and cleaneſt	*ib.*
Crops, beſt Courſe of	*ib.*
Calves without Milk, rearing of	29
Cabbages, Scotch	33
Crab Stocks for Grafting	34
Cottagers, Induſtry in	35
Crab-Stocks in Hedges, planting of	42
Cyder of various Sorts	43
Combing Wool, beſt mode of	48
Cement for Ciſterns	49
Coal-Mines, deſtroying Vapours in	*ib.*
Certificate, Form of, for Servants good Behaviour	56
Ditto, Induſtry and bringing up a Family	57
Ditto, for Servants intending to claim Premiums	58
Cows, beſt kind for Dairy-Stock	44
Compoſition for preſerving outſides of Buildings	47
Cottages, the beſt deſign and elevation for building	55
Drill-Plough and Horſe-Hoe, uſe of	32
Drilling Wheat and Barley	38
Drill-Plough, beſt Invention of	49
Drilling and Hand-Hoeing, compariſon between	45
Experiments, courſe of	31
Eſſays on ſundry Subjects	37
Fallows, Summer extinction of	*ib.*
Flax, raiſing of	47
Floating Paſture Lands, Machine for	50
Fire, ſecuring Buildings from	51
Friendly Societies	*ib.*
Grubs in Land, deſtroying of	30
Gogly Sheep, cure of	33
Graſſes, repairing a failing crop of	39
—— Natural	41
Green Winter Crops, machine for conveying	49
Huſbandry, experiments in	31
Horſes for cart	40
Hemp, raiſing of	47
Hand-Mill	50
Inſtruments, improved for cutting Graſs or Corn	27
Induſtry among Labourers	32
Killing Cattle, Italian method of	51

BRITISH MUSEUM 15 71

INDEX to the PREMIUMS

	Page
Lime or Soaper's Aſhes, beſt mode of uſing	28
Liming, chalking, or marling Land	29
Men-Servants, good behaviour in	31
Manuring	37
Manure, vegetable	38
Mangel-Wurzel, property and uſes of	39
Madder, raiſing of	46
Mules, their advantages and diſadvantages	44
Norfolk-Plough	34
Neat Cattle, beſt mode of feeding	44
Potatoes, raiſing of	28
——— curled diſeaſe in	33
Preſerving Turnips and Cabbages in Winter	*ib.*
Plough, double-furrowed, uſing of	36
Potatoes, planting of	37
Parſnips as Food for Cattle	38
Potatoes, beſt way of uſing in fattening Hogs	40
Pigs, rearing of	41
Paper, writing and package, making of	46
Plough with two Horſes or four Oxen	48
Ploughing, Premiums for	53
Ploughs, &c. publick comparative trial of	52
Pigs and Hogs, rearing and fattening	44
Poor Laws, beſt Treatiſe for reform of	55
Rape-Seed for Oil	28
Reſervoirs in Farm-yards	31
Reaping by Women	35
Ram Lambs	41
Rats and Mice, for deſtroying	43
Sainfoin, raiſing of	26
Sheep-Downs, recovering worn-out by burnbeaking	35
Soils, conſtituent parts of rich and poor	36
Sheep, rot in	*ib.*
Stock, general	40
Smut in Wheat	43
Sheep-Marking	46
Steam Corn-Mill	48
Smoke in Glaſs-Houſes, deſtroying of	50
Sheep for general Stock	43, 54
—— beſt race for fine Wool	44
Turnips for Autumn Feeding	25
——— for Spring ditto	*ib.*
——— Hoeing of	26
Turnip-rooted Cabbage, raiſing of	29
Thorn, white, for Quick-Hedges	30
Tithes, compenſation for	36
Timber-Trees, planting	42
Tanned Leather, a fit ſubſtitute for	54
Vetch, yellow-bloſſomed	29
Women-Servants, good behaviour in	31
Walnuts, Cheſnuts, and Beech, raiſing of	39
Weld or Woad	47
Wool, machine for winding of	48
White-Lead and Litharge, ſubſtitute for	55
Woods, beſt Eſſay for planting and managing	*ib.*

This Day is publiſhed,

In Five Volumes Octavo, Price 1l. 8s. in Boards,
Illuſtrated with ſeveral Copper-Plates;

Eſſays on Agriculture, Planting, &c.

Selected from the Correſpondence of the Society inſtituted at Bath, for the Encouragement of Agriculture, Arts, Manufactures, and Commerce.

Publiſhed by Order of the Society.

N. B. *A Sixth Volume is now in the Preſs.*

In Five Volumes Octavo, Price 5s. each in boards,
Illuſtrated with Copper-Plates,

THE FARMER's MAGAZINE,

And USEFUL FAMILY COMPANION.

Alſo, in 2 Vols. Octavo, Price 10s. in Boards,

A GENERAL DICTIONARY of HUSBANDRY,

PLANTING, GARDENING, and the Vegetable Part of the MATERIA MEDICA, with the Deſcription, Uſe, and Medicinal Virtues of the ſeveral Herbs, Flowers, Roots, &c. ſelected from the beſt Authorities,

By C. WILLIAMSON, and Others.

——LIKEWISE,——

In Three Pocket Volumes, ſewed, Price 9s.

THE MISCELLANEOUS COMPANIONS,

By WILLIAM MATTHEWS,

Secretary to the Bath Agriculture Society, and Honorary Member of the Royal Society at Lyons.

And by the ſame Author, Price 1s. 6d. ſewed,
The LIFE and CHARACTER of

THOMAS LETCHWORTH,

A MINISTER of the GOSPEL.

Printed for C. Dilly, Poultry, London; and R. Cruttwell, Bath; and ſold by all the Bookſellers in England.

☞ Seeds, and Seed-Corn, of the beſt quality, and adapted for change on different ſoils, may be had, at reaſonable rates, by application to the Secretary; who alſo ſuperintends the Conſtruction of any Implements of Huſbandry, (not being patent) which are particularly approved by the Society, and ſends them, according to order, to any part of the Kingdom.

BRITISH MUSEUM 15 71 MAR